

G4PV

Group 4 Photovoltaics



Materials & Compounds Catalogue

Advanced materials for perovskite photovoltaic research

Table of Contents

Group A: Hole transport materials

Group B: Ionic liquids

Group C: Perovskite passivation materials

Group D: Custom service

1

Error! Bookmark not defined.

4

5

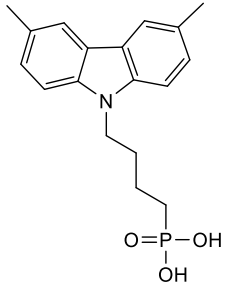
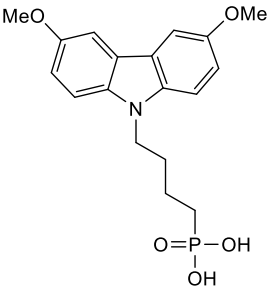
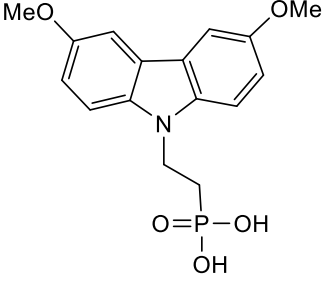
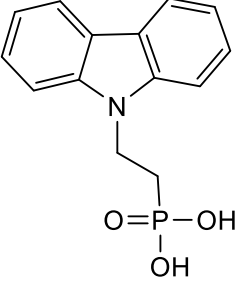
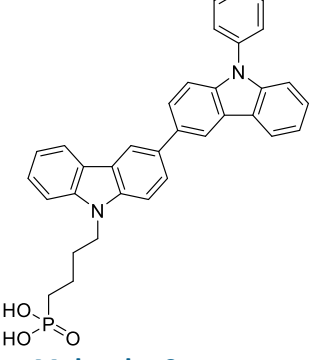
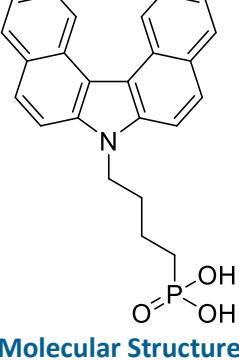
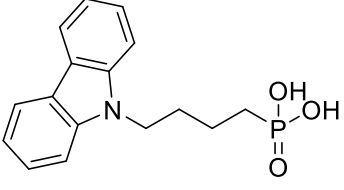
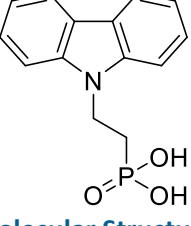
6

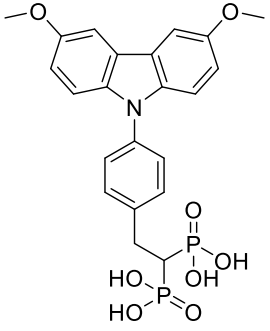
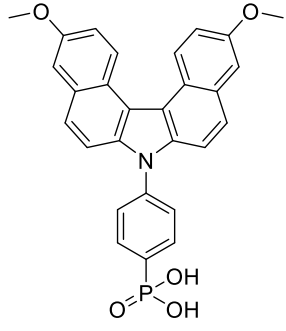
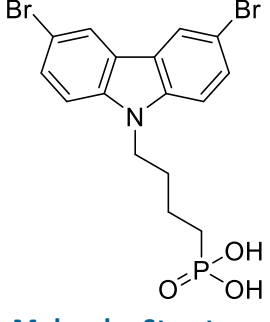
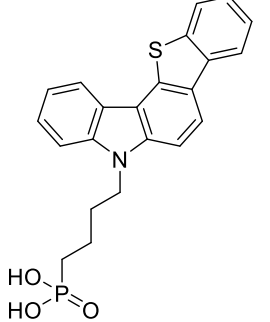
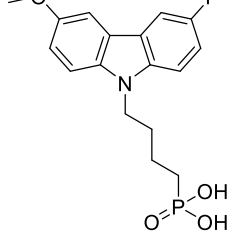
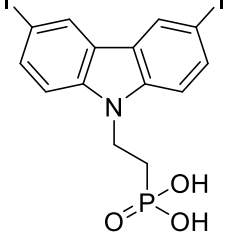
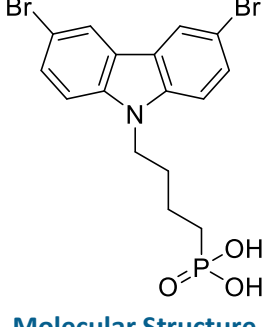
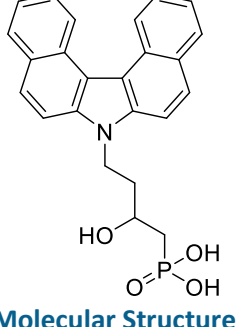


Website: <https://g4pv.com/>

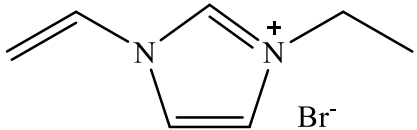
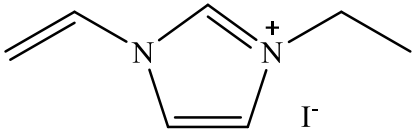
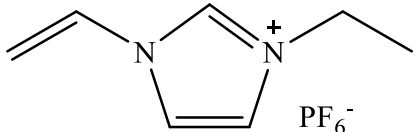
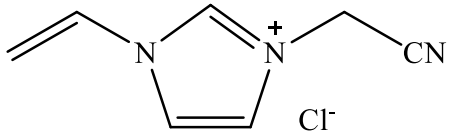
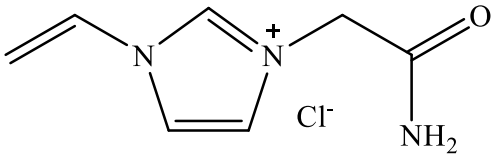
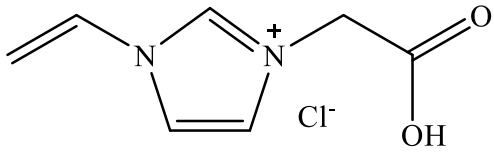
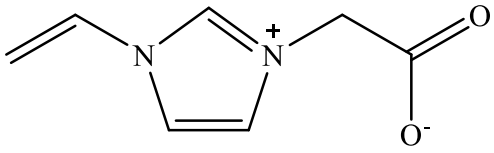
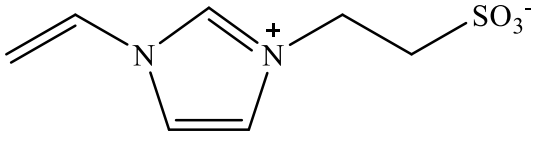
Email address: info@g4pv.com

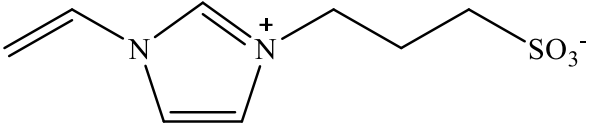
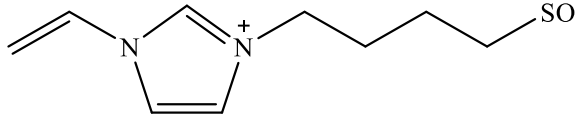
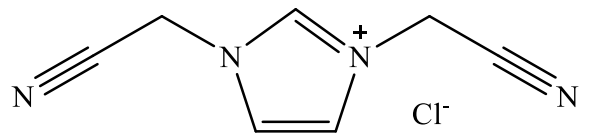
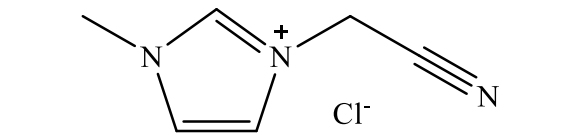
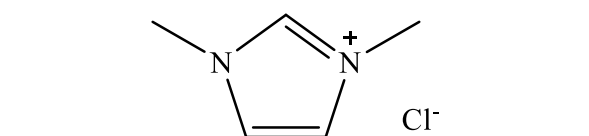
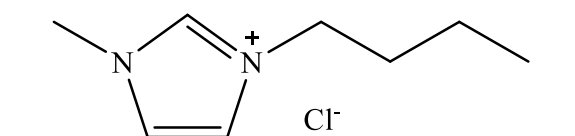
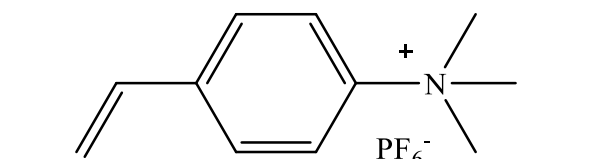
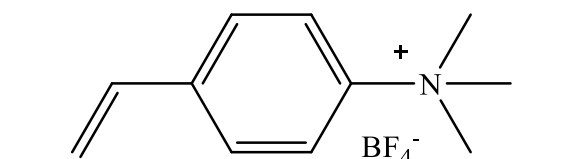
Hole transport materials:

 Molecular Structure	 Molecular Structure
Me-4PACz	MeO-4PACz
CAS No. 2747959-96-0	CAS No. 2922526-56-3
Price 500 mg/ 250 CHF	Price 500 mg/ 250 CHF
 Molecular Structure	 Molecular Structure
MeO-2PACz	2PACz
CAS No. 2377770-18-6	CAS No. 20999-38-6
Price 500 mg/ 250 CHF	Price 500 mg/ 250 CHF
 Molecular Structure	 Molecular Structure
4PABCz	4PADCB
CAS No. 3117690-82-8	CAS No. 2882156-63-8
Price	Price
 Molecular Structure	 Molecular Structure
4PACz	2PACz
CAS No. 20999-36-4	CAS No. 20999-38-6
Price	Price

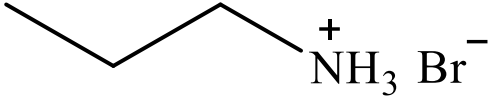
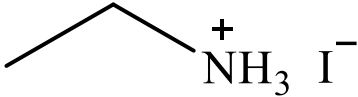
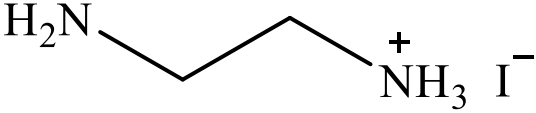
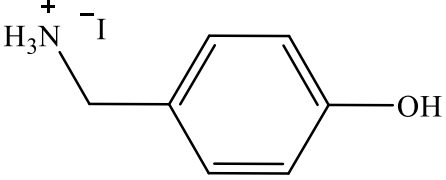
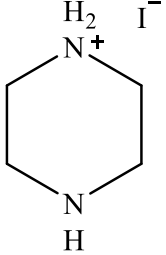
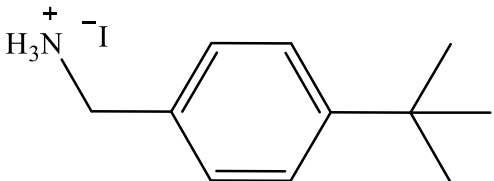
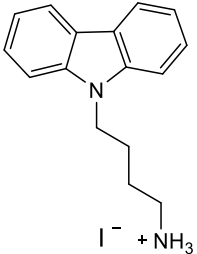
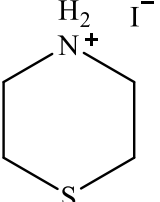
 Molecular Structure	 Molecular Structure
MeO-CzPA2	MeO-PPADBC
CAS No.	CAS No.
Price	Price
 Molecular Structure	 Molecular Structure
Br-4PACz	CbzBT
CAS No. 2996161-28-3	CAS No.
Price 200 mg/ 200 CHF	Price
 Molecular Structure	 Molecular Structure
MeOF-4PACz	I-2PACz
CAS No.	CAS No. 3026275-69-1
Price	Price
 Molecular Structure	 Molecular Structure
Br-4PACz	CbzNaphOH
CAS No. 2996161-28-3	CAS No.
Price	Price

Ionic liquids:

 Molecular Structure	 Molecular Structure
1-Vinyl-3-ethylimidazolium bromide	1-Vinyl-3-ethylimidazolium iodide
CAS No. 34311-88-1	CAS No. 34254-21-2
Price	Price
 Molecular Structure	 Molecular Structure
1-Vinyl-3-ethylimidazolium hexafluorophosphate	1-Vinyl-3-cyanomethylimidazolium chloride
CAS No. 1034364-43-6	CAS No. 368868-42-2
Price	Price
 Molecular Structure	 Molecular Structure
3-(2-amino-2-oxoethyl)-1-vinyl-1H-imidazol-3-ium chloride	1-Vinyl-3-methylcarboxylic acid imidazolium chloride
CAS No. 192873-50-0	CAS No. 1429421-36-2
Price	Price
 Molecular Structure	 Molecular Structure
1-Vinyl-3-methylcarboxylate imidazolium salt	1-Vinyl-3-ethylsulfonate(imidazole)
CAS No. 1276186-10-7	CAS No. 112311-31-6
Price	Price

 Molecular Structure	 Molecular Structure
1-Vinyl-3-propylsulfonate(imidazole)	1-Vinyl-3-tutylsulfonate(imidazole)
CAS No. 46348-09-8	CAS No. 65180-31-6
Price	Price
 Molecular Structure	 Molecular Structure
1,3-Bis(cyanomethyl)imidazolium chloride	1-(Cyanomethyl)-3-methylimidazolium chloride
CAS No. 934047-83-3	CAS No. 154312-63-7
Price	Price
 Molecular Structure	 Molecular Structure
1,3-Dimethylimidazolium Chloride	1-Butyl-3-methylimidazolium chloride
CAS No. 79917-88-7	CAS No. 79917-90-1
Price	Price
 Molecular Structure	 Molecular Structure
4-Vinylphenyl-trimethylammonium hexafluorophosphate	4-Vinylphenyl-trimethylammonium tetrafluoroborate
CAS No.	CAS No.
Price	Price

Perovskite passivation materials:

 Molecular Structure	 Molecular Structure
PABr	EAI
CAS No. 4905-83-3	CAS No. 506-58-1
Price	Price
 Molecular Structure	 Molecular Structure
EDAI	HBzA
CAS No. 5700-49-2	CAS No. 137761-45-6
Price	Price
 Molecular Structure	 Molecular Structure
PI	TBPMAl
CAS No. 56310-12-4	CAS No. 79917-90-1
Price	Price
 Molecular Structure	 Molecular Structure
CzPA	SMORI
CAS No.	CAS No.
Price	Price