

Explore our products for aromatic deproto-metallation chemistry

Deprotonative metallation is widely used as a powerful synthetic tool for the regioselective functionalization of aromatic compounds.

Recently, the range of different bases employed has grown, broadening the application of this chemistry by increasing the number of aromatic deproto-metallation reactions.

We offer these bases and many other products for this important synthetic technique in a variety of pack sizes and grades.

Discover a selection of our products for use in aromatic deproto-metallation chemistry.

Base constituents			
Product code	Product name	Pack size	CAS no.
217460050		5g	
217461000	Aluminium chloride, 98.5%, extra pure, anhydrous, powder	100g	7446-70-0
217465000		500g	
217460025		2.5kg	
181271000	n-Butyllithium, 1.6M solution in hexanes, AcroSeal™ packaging	100mL	109-72-8
181275000		500mL	
181278000		800mL	
315270050	Cadmium chloride, ACS reagent, anhydrous	5g	10108-64-2
315271000		100g	
315275000		500g	
206532500	Copper(II) chloride, 99%, anhydrous	250g	7447-39-4
206530010		1kg	
206530025		2.5kg	
202082500	Copper(I) cyanide, 99%, extra pure	250g	544-92-3
202080010		1kg	
202080051		5kg	
377241000	Dimethylzinc, 1.2M solution in toluene, AcroSeal packaging	100mL	544-97-8
377248000		800mL	
388720100	Iron(II) bromide, 98+%, anhydrous	10g	7789-46-0
388720500		50g	
389350250	Iron(II) chloride, 99%, anhydrous	25g	7758-94-3
389352500		250g	
386281000	Isopropylmagnesium chloride - lithium chloride complex, 1.3M solution in THF, AcroSeal packaging	100mL	745038-86-2
386288000		800mL	
315230100	Lanthanum chloride, 99.9%	10g	10099-58-8
315230500		50g	
315232500		250g	

Base constituents			
Product code	Product name	Pack size	CAS no.
413390010	Magnesium bromide, 98%, pure, anhydrous	1g	7789-48-2
413390050		5g	
223211000	Magnesium chloride, pure	100g	7786-30-3
223210010		1kg	
223210025		2.5kg	
223210250		25kg	
168880050	Potassium tert-butoxide, 98+%, pure	5g	865-47-4
168880250		25g	
168881000		100g	
168885000		500g	
168880025		2.5kg	
138450500	N,N,N',N'-Tetramethylethylenediamine, 99%, extra pure	50mL	110-18-9
138455000		500mL	
138450025		2.5L	
151950100	2,2,6,6-Tetramethylpiperidine, 98%	10g	768-66-1
151950250		25g	
151951000		100g	
185421000	Triisobutylaluminium, 1.1M solution in toluene, AcroSeal packaging	100mL	100-99-2
185428000		800mL	
424592500	Zinc chloride, 97+%, ACS reagent	250g	7646-85-7
424595000		500g	
424590025		2.5kg	
206410050	Zirconium(IV) chloride, 98%, anhydrous	5g	10026-11-6
206411000		100g	
206415000		500g	
206410025		2.5kg	

Arene substrates and precursors			
Product code	Product name	Pack size	CAS no.
423470250	Benzoic acid, 99.6%, ACS reagent	25g	65-85-0
423475000		500g	
423470020		2kg	
423470100		10kg	
105540050	Benzonitrile, 99%, pure	5mL	100-47-0
105540010		1L	
105540025		2.5L	
105565000	Benzophenone, 99%, pure	500g	119-61-9
105560010		1kg	
105560050		5kg	

Arene substrates and precursors

Product code	Product name	Pack size	CAS no.
106740500	3-Bromobenzotrifluoride, 99%	50mL	401-78-5
106742500		250mL	
166670050	4-Bromobenzotrifluoride, 99%	5mL	402-43-7
166670250		25mL	
166671000		100mL	
297480050	1-Bromo-4-(trifluoromethoxy)benzene, 98%	5g	407-14-7
108660250	3-Chlorobenzoic acid, 99+%	25g	535-80-8
108661000		100g	
108665000		500g	
118095000	Ethyl benzoate, 99+%	500g	93-89-0
118090025		2.5kg	
308540050	Ethyl 3-bromobenzoate, 98%	5g	24398-88-7
308540250		25g	
308541000		100g	
119370050	3-Fluorobenzoic acid, 99%	5g	455-38-9
119370250		25g	
119371000		100g	
120981000	3-Hydroxybenzoic acid, 99%	100g	99-06-9
120985000		500g	
120980025		2.5kg	
128180250	1-Naphthoic acid, 98%	25g	86-55-5
128181000		100g	
132601000	Salicylaldehyde, 99%	100g	90-02-8
132602500		250g	
132600010		1kg	
132600050		5kg	
138310250	α -Tetralone, 98%	25g	529-34-0
138311000		100g	
138315000		500g	
139061000	p-Toluic acid, 98%	100g	99-94-5
139062500		250g	
139060010		1kg	
139060051		5kg	

Aza-arene substrates and precursors

Product code	Product name	Pack size	CAS no.
213780010	3-Aminoquinoline, 99+%	1g	580-17-6
213780050		5g	
105771000	Benzoylhydrazine, 98%	100g	613-94-5
105775000		500g	
404860500	2-Chloronicotinic acid, 99%	50g	2942-59-8
109730250	2-Chloro-3-nitropyridine, 99+%	25g	5470-18-8
109731000		100g	
186140050	2,5-Dichloropyridine, 98%	5g	16110-09-1
186140250		25g	
186141000		100g	
296550025	2,4-Dimethoxypyrimidine, 99+%	2.5g	3551-55-1
296550100		10g	
311922500	5-Fluoroindole, 98%	250mg	399-52-0
311920010		1g	
311920050		5g	
311920250		25g	
119630050	2-Fluoropyridine, 98%	5mL	372-48-5
119630500		50mL	
119632500		250mL	
121900250	8-Hydroxyquinoline, ACS reagent	25g	148-24-3
121901000		100g	
121905000		500g	
121900010		1kg	
121900025		2.5kg	
122591000	Isonicotinic acid, 99%	100g	55-22-1
122595000		500g	
122590025		2.5kg	
325031000	Isoquinoline, 97%	100g	119-65-3
325035000		500g	
126100050	2-Methoxypyridine, 98%	5g	1628-89-3
126100250		25g	
126101000		100g	
331610010	1-Methylindole-3-carboxaldehyde, 97%	1g	19012-03-4
331610100		10g	
331610500		50g	

For more information or for a complete list of our products suitable for aromatic deprotonation chemistry, please visit www.acros.com.



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