

## Discover our products for organobromination chemistry

Organobromine compounds are commonly used in fire retardants, fumigants and biocides, dyes, and some pharmaceuticals. They also play an important role as intermediates in organic synthesis. Their principle reactions include dehydrobromination, Grignard reaction, reductive coupling and nucleophilic substitution.

Organobromine compounds are generated through free radical or ionic bromination reactions, with brominating reagents playing a key role in both techniques. We offer the most popular brominating reagents to assist you in your chemical synthesis.

Our range is available in a variety of convenient pack sizes and grades as well as pre-prepared reagents in solution, some of which are available in our AcroSeal™ packaging.

### Discover our brominating reagents for use in bromination chemistry.

Brominating reagents			
Product code	Product name	Pack size	CAS no.
388320100	Benzyltrimethylammonium tribromide, 97%	10g	111865-47-5
388320500		50g	
378191000	Boron tribromide, 1M solution in heptane, AcroSeal packaging	100mL	10294-33-4
378198000		800mL	
198900100	Boron tribromide, 1M solution in methylene chloride	10mL	10294-33-4
198901000		100mL	
198908000		800mL	
295200250	Boron tribromide, 99.9%	25g	10294-33-4
295201000		100g	
295205000		500g	
365210250	Boron tribromide, 99+%	25g	10294-33-4
365211000		100g	
365215000		500g	
388401000	Bromine, 1M solution in acetic acid, AcroSeal packaging	100mL	7726-95-6
388408000		800mL	
389661000	Bromine, 1M solution in dichloromethane, AcroSeal packaging	100mL	7726-95-6
389668000		800mL	
196660250	Bromine, 99.6%, for analysis	25mL	7726-95-6
196662500		250mL	
196660010		1L	
388411000	Bromine-1,4-dioxane complex, 0.25M solution in 1,4-dioxane, AcroSeal packaging	100mL	15481-39-7
388418000		800mL	
389670050	Bromine-1,4-dioxane complex, 90%	5g	15481-39-7
389670250		25g	
159050500	N-Bromoacetamide, 98%	50g	79-15-2

Brominating reagents			
Product code	Product name	Pack size	CAS no.
107450100		10g	
107451000		100g	
107455000	N-Bromosuccinimide, 99%	500g	128-08-5
107450010		1kg	
107450050		5kg	
107491000	Bromotrichloromethane, 99%	100mL	75-62-7
107492500		250mL	
186650050		5g	
186650250	Bromotrimethylsilane, 98%	25g	2857-97-8
186651000		100g	
186655000		500g	
325150050		5g	
325151000	Carbon tetrabromide, 98%	100g	558-13-4
325155000		500g	
206330050		5g	
206331000	Copper(II) bromide, 99+%, extra pure, anhydrous	100g	7789-45-9
206335000		500g	
206330025		2.5kg	
110780250		25g	
110781000	Cyanogen bromide, 97%	100g	506-68-3
110785000		500g	
169540250		25g	
169545000	1,3-Dibromo-5,5-dimethylhydantoin, 98%	500g	77-48-5
169540025		2.5kg	
423785000	Hydrobromic acid, ACS reagent, approx. 48% wt. solution in water	500mL	10035-10-6
423780025		2.5L	
223325000	Hydrobromic acid, for analysis, approx. 48% wt. solution in water	500mL	10035-10-6
223320025		2.5L	
123170010	Hydrobromic acid, pure, approx. 48 wt.% solution in water	1L	10035-10-6
123170025		2.5L	
123185000		500mL	
123180010	Hydrogen bromide, pure, 33 wt.% solution in glacial acetic acid	1L	37348-16-6
123180025		2.5L	
150890250		25g	
150891000	Oxalyl bromide, 98%	100g	15219-34-8
150895000		500g	
160940250		25g	
160941000	Phenyltrimethylammonium tribromide, 97%	100g	4207-56-1
388450100		10g	
388450250	Phosphorus oxybromide, 95%	25g	7789-59-5
388451000		100g	
382061000	Phosphorus tribromide, 1.0M solution in dichloromethane, AcroSeal packaging	100mL	7789-60-8
382068000		800mL	
169470050		5g	
169471000	Phosphorus tribromide, 99%	100g	7789-60-8
169475000		500g	
268392500	Potassium bromate, 99.5%, for analysis	250g	7758-01-2
268390010		1kg	

Brominating reagents			
Product code	Product name	Pack size	CAS no.
20885000	Potassium bromate, 99+%, extra pure	500g	7758-01-2
208850025		2.5kg	
158361000	Pyridinium bromide perbromide, 90+%, technical	100g	39416-48-3
158365000		500g	
168010250	Pyrrolidone hydrotribromide, 97%	25g	22580-55-8
168011000		100g	
168015000		500g	
246901000	Sodium bromide, 99.5%, for analysis	100g	7647-15-6
246905000		500g	
246900025		2.5kg	
205131000	Sodium bromide, 99+%, extra pure, anhydrous	100g	7647-15-6
205130010		1kg	
205130050		5kg	
257690050	2,4,4,6-Tetrabromo-2,5-cyclohexadien-1-one, 95%	5g	20244-61-5
257690250		25g	
123970250	Tetra-n-butylammonium tribromide, 98+%	25g	38932-80-8
123971000		100g	
123975000		500g	
291070050	Triphenylphosphine dibromide, approx. 33% bromine	5g	1034-39-5
291070250		25g	
291071000		100g	

Find out more at [www.thermofisher.in/chemicals](http://www.thermofisher.in/chemicals)

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