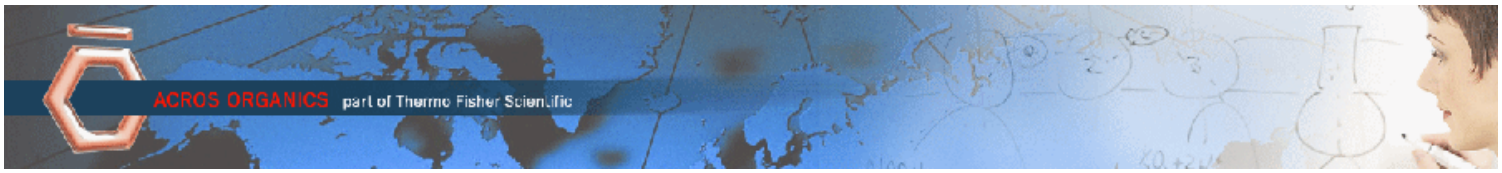

Allyl bromide, 99%, stabilized

General

Product Name	Allyl bromide 3-Bromopropene
CAS RN	106-95-6
ACD Code	MFCD00000244
Structure	
Molecular Formula	C3 H5 Br
Molecular weight	120.98

Pack size

Catalog	Qty / UM	Price (USD)	
102900025	2.5 LT	289.40	Order Check stock Glass bottle
102900050	5 LT	486.20	Order Check stock Plastic bottle
102900100	10 LT	818.80	Order Check stock Plastic Jerry can
102902500	250 ML	46.20	Order Check stock Glass bottle
102905000	500 ML	74.20	Order Check stock Glass bottle

Physical

Density (g/cm³)	1.39
Refractive index	1.468 - 1.47
Boiling Point (°C)	70 - 71
Melting Point (°C)	-119
Flash Point (°C)	-1

Safety

GHS Pictogram

GHS Signal Word: Danger

GHS H statement

H314: Causes severe skin burns and eye damage
H331: Toxic if inhaled
H301: Toxic if swallowed
H400: Very toxic to aquatic life
H225: Highly flammable liquid and vapor
H340: May cause genetic defects
H350: May cause cancer

GHS P statement

P210:	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P303 + P361 + P353:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P280:	Wear protective gloves/protective clothing/eye protection/face protection
P301+ P330 + P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P305 + P351 + P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310:	Immediately call a POISON CENTER or doctor/physician

Categories

Functional Reagents > Protection and Derivatization > Protecting and Derivatizing Reagents > Others

Applications

Function	Transformation	Type	Caveat	Reference
Reagent	Alkylation	Allylation of carbonyl compounds	Using Zn in THF.	TL 1995, 36, 4885
Reagent	Alkylation	C-Alkylation	C-allylation is promoted with powdered potassium hydroxide alone or with tetra-n-butylammonium bromide in dioxane.	ZOR 1986, 22, 706
Reagent	Organometallic Chemistry	Wurtz coupling	With Mg in THF.	OS 1998, 76, 221

	Reagent	Protecting Group Chemistry Protection of alcohols	Alcohols are allylated. This protecting group is removed by Pd (0) catalysis.	JOC 1973, 38, 3224
	Reagent	Protecting Group Chemistry Protection of carboxylic acids	Allyl esters from Cs salts reacting with allyl bromide.	Int J. Pept Prot Res. 1985, 26, 493

Other ^

Infrared Show

Parameter		
	EINECS	203-446-6
	Solubility	Solubility in water: insoluble Solubility in other solvents: miscible with alcohol, chloroform, ether, carbontetrachloride and carbon disulfide
	Origin	synthetic
	References:	Lead-promoted allylation of carbonyl compounds with allyl bromide: S.Torii, et al; Chem. Lett. 9, 1611-14
	Literature	(1986).
	Reference:	01,201
	Beilstein	
	Reference: Fieser	13,219
	Reference: Merck	15,279

3D model Show