

3-Bromo-4-Methoxyphenylacetonitrile

Chemical Properties

CAS No. :	772-59-8
Formula:	C ₉ H ₈ BrNO
Molecular Weight:	226.07
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	3-Bromo-4-Methoxyphenylacetonitrile (ZINC2565991) is a marine derived natural products found in Aiolochroia crassa.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (243.29 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4234 mL	22.117 mL	44.2341 mL
5 mM	0.8847 mL	4.4234 mL	8.8468 mL
10 mM	0.4423 mL	2.2117 mL	4.4234 mL
50 mM	0.0885 mL	0.4423 mL	0.8847 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Goud TV, Srinivasulu M, Reddy VL, Reddy AV, Rao TP, Kumar DS, Murty US, Venkateswarlu Y. Two new bromotyrosine-derived metabolites from the sponge Psammaphysilla purpurea. Chem Pharm Bull (Tokyo). 2003 Aug;51(8):990-3. doi: 10.1248/cpb.51.990. PMID: 12913243.

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