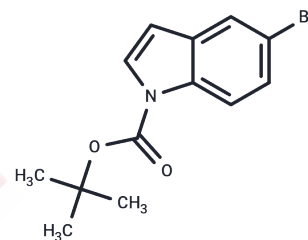


tert-Butyl 5-bromo-1H-indole-1-carboxylate

Chemical Properties

CAS No. : 182344-70-3
 Formula: C₁₃H₁₄BrNO₂
 Molecular Weight: 296.16
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tert-Butyl 5-bromo-1H-indole-1-carboxylate (N-Boc-5-bromoindole) is an indole derivative with therapeutic potential for pain, inflammation, and other conditions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (168.83 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	3.3766 mL	16.8828 mL	33.7655 mL
5 mM	0.6753 mL	3.3766 mL	6.7531 mL
10 mM	0.3377 mL	1.6883 mL	3.3766 mL
50 mM	0.0675 mL	0.3377 mL	0.6753 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

Jelen S, et al. Aquaporin-9 protein is the primary route of hepatocyte glycerol uptake for glycerol gluconeogenesis in mice. J Biol Chem. 2011;286(52):44319-44325.

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