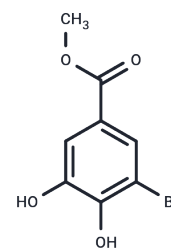


Methyl 3-bromo-4,5-dihydroxybenzoate

Chemical Properties

CAS No. :	65841-10-3
Formula:	C ₈ H ₇ BrO ₄
Molecular Weight:	247.04
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	Methyl 3-bromo-4,5-dihydroxybenzoate (3-bromo-4,5-dihydroxybenzoic acid methyl ester) is a marine derived natural products found in Rhodomela confervoides.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (222.64 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	4.0479 mL	20.2396 mL	40.4793 mL
5 mM	0.8096 mL	4.0479 mL	8.0959 mL
10 mM	0.4048 mL	2.024 mL	4.0479 mL
50 mM	0.081 mL	0.4048 mL	0.8096 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

Fan X, Xu NJ, Shi JG. Bromophenols from the red alga Rhodomela confervoides. J Nat Prod. 2003 Mar;66(3):455-8.
Methyl 3-Bromo-4,5-dihydroxybenzoate Attenuates Inflammatory Bowel Disease by Regulating TLR/NF-κB Pathways

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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