

7-Bromoquinazoline-2,4(1H,3H)-Dione

Chemical Properties

CAS No. :	114703-12-7
Formula:	C ₈ H ₅ BrN ₂ O ₂
Molecular Weight:	241.041
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	7-Bromoquinazoline-2,4(1H,3H)-Dione (7-Bromo-2,4(1H,3H)-quinazolinedione) is a marine derived natural products found in Pyura sacciformis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55.00 mg/mL (228.18 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	4.1487 mL	20.7434 mL	41.4869 mL
5 mM	0.8297 mL	4.1487 mL	8.2974 mL
10 mM	0.4149 mL	2.0743 mL	4.1487 mL
50 mM	0.083 mL	0.4149 mL	0.8297 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

Haruki, Niwa, Yoshifumi, et al. A Brominated Quinazolinedione from the Marine Tunicate Pyura sacciformis[J]. Journal of Natural Products, 1988.

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