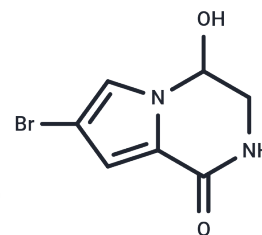


Mukanadin C

Chemical Properties

CAS No. :	1839104-78-7
Formula:	C7H7BrN2O2
Molecular Weight:	231.05
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	Mukanadin C (7-bromo-4-hydroxy-3,4-dihydro-2H-pyrrolo[1,2-a]pyrazin-1-one) is a marine derived natural products found in Stylissa carteri.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (238.04 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	4.3281 mL	21.6403 mL	43.2807 mL
5 mM	0.8656 mL	4.3281 mL	8.6561 mL
10 mM	0.4328 mL	2.164 mL	4.3281 mL
50 mM	0.0866 mL	0.4328 mL	0.8656 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

Allmann TC, et al. Synthesis of Hydroxypyrrrolone Carboxamides Employing Selectfluor. Chemistry. 2016 Jan 4;22 (1):111-5.

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