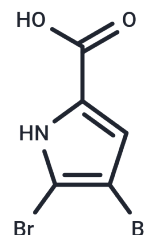


## 4,5-Dibromo-1H-Pyrrole-2-Carboxylic Acid

## Chemical Properties

CAS No. :	34649-21-3
Formula:	C <sub>5</sub> H <sub>3</sub> Br <sub>2</sub> NO <sub>2</sub>
Molecular Weight:	268.89
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	4,5-Dibromo-1H-Pyrrole-2-Carboxylic Acid (4,5-Dibromo-2-pyrrolic acid) is a marine derived natural products found in Agelas oroides.
Targets(IC50)	Others,Galectin

## Solubility Information

Solubility	DMSO: 2.69 mg/mL (10 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	3.719 mL	18.595 mL	37.1899 mL
5 mM	0.7438 mL	3.719 mL	7.438 mL
10 mM	0.3719 mL	1.8595 mL	3.719 mL
50 mM	0.0744 mL	0.3719 mL	0.7438 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

Kovalerchik D, Singh RP, Schlesinger P, Mahajni A, Shefer S, Fridman M, Ilan M, Carmeli S. Bromopyrrole Alkaloids of the Sponge Agelas oroides Collected Near the Israeli Mediterranean Coastline. J Nat Prod. 2020 Feb 28;83(2): 374-384. doi: 10.1021/acs.jnatprod.9b00863. Epub 2020 Feb 19. PMID: 32072810.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481