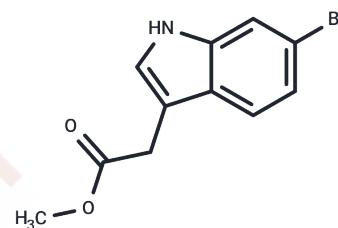


6-Bromo-1H-indole-3-acetic acid methyl ester

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 152213-63-3 |
| Formula: | C ₁₁ H ₁₀ BrNO ₂ |
| Molecular Weight: | 268.11 |
| 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 | 6-Bromo-1H-indole-3-acetic acid methyl ester (Methyl 6-Bromoindole-3-acetate) is a marine derived natural products found in Pseudosuberites hyalinus. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (186.49 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.7298 mL | 18.6491 mL | 37.2981 mL |
| 5 mM | 0.746 mL | 3.7298 mL | 7.4596 mL |
| 10 mM | 0.373 mL | 1.8649 mL | 3.7298 mL |
| 50 mM | 0.0746 mL | 0.373 mL | 0.746 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

Segraves NL, Crews P. Investigation of brominated tryptophan alkaloids from two thorectidae sponges: Thorectandra and Smenospongia. J Nat Prod. 2005 Oct;68(10):1484-8. doi: 10.1021/np0501334. PMID: 16252912.

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