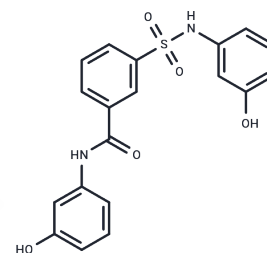


BAS00093476

Chemical Properties

CAS No. : 300670-24-0
 Formula: C₁₉H₁₆N₂O₅S
 Molecular Weight: 384.41
 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 | BAS00093476 is an effective E-cadherin inhibitor that suppresses E-cadherin-mediated cell-cell adhesion in human pancreatic tumor BxPC-3 cells, suitable for studying related tumors. |
| Targets(IC ₅₀) | Cadherin |
| In vitro | BAS00093476 (0.05/0.1 mM; 24 h) exhibits anti-cell adhesion activity against BxPC-3 E-cadh/P-cadh cells, reducing the compactness of cell spheroids [1]. |

Solubility Information

| | |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 3.00 mg/mL (7.80 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---------------------------------------------------------------------------------------------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6014 mL | 13.0069 mL | 26.0139 mL |
| 5 mM | 0.5203 mL | 2.6014 mL | 5.2028 mL |
| 10 mM | 0.2601 mL | 1.3007 mL | 2.6014 mL |
| 50 mM | 0.052 mL | 0.2601 mL | 0.5203 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

Dalle Vedove A, et al. Structure-Based Virtual Screening Allows the Identification of Efficient Modulators of E-Cadherin-Mediated Cell-Cell Adhesion. *Int J Mol Sci.* 2019 Jul 11;20(14):3404.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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