

PU-WS13 hydrobromide

Chemical Properties

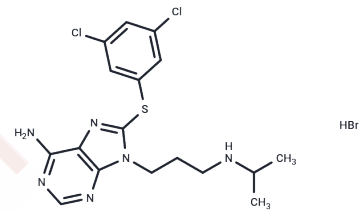
CAS No. :

Formula: C₁₇H₂₁BrCl₂N₆S

Molecular Weight: 492.26

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	PU-WS13 hydrobromide is a GRP94 inhibitor with anti-inflammatory activity and inhibits the proliferation of M2-like macrophages in mouse TNBC tumors.
Targets(IC50)	GPCR

Solubility Information

Solubility	DMSO: 50 mg/mL (101.57 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	2.0314 mL	10.1572 mL	20.3145 mL
5 mM	0.4063 mL	2.0314 mL	4.0629 mL
10 mM	0.2031 mL	1.0157 mL	2.0314 mL
50 mM	0.0406 mL	0.2031 mL	0.4063 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

Kinder TB, et al. High-Throughput Screening to Identify Inhibitors of the Type I Interferon-Major Histocompatibility Complex Class I Pathway in Skeletal Muscle. ACS Chem Biol. 2020 Jul 17;15(7):1974-1986.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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