

UT-11

## Chemical Properties

CAS No. :

Formula: C<sub>17</sub>H<sub>19</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight: 400.32

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	UT-11 is a potent brain-permeable inhibitor of microsomal prostaglandin E synthase-1 (mPGES-1), exhibiting IC <sub>50</sub> values of 0.10 μM and 2.00 μM for the inhibition of PGE <sub>2</sub> production in human (SK-N-AS) and murine (BV2) cells, respectively [1].
Targets(IC <sub>50</sub> )	Others,PGE Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.498 mL	12.490 mL	24.980 mL
5 mM	0.4996 mL	2.498 mL	4.996 mL
10 mM	0.2498 mL	1.249 mL	2.498 mL
50 mM	0.050 mL	0.2498 mL	0.4996 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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