

## Gamhepathiopine

### Chemical Properties

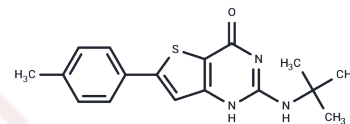
CAS No. : 1620442-30-9

Formula: C17H19N3OS

Molecular Weight: 313.42

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	Gamhepathiopine is a compound belonging to the thiopheno[3,2-d]pyrimidinone class. It exhibits antimalarial activity by targeting the Qo site of Plasmodium falciparum cytochrome b and inhibiting the Complex III activity in the electron transport chain.
Targets(IC50)	Mitochondrial Metabolism,Parasite

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1906 mL	15.953 mL	31.9061 mL
5 mM	0.6381 mL	3.1906 mL	6.3812 mL
10 mM	0.3191 mL	1.5953 mL	3.1906 mL
50 mM	0.0638 mL	0.3191 mL	0.6381 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481