

Antitrypanosomal agent 13

Chemical Properties

CAS No. :

Formula: C47H81N2NaO10S

Molecular Weight: 889.21

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	Compound 4b (antitrypanosomal agent 13) is a potent antitrypanosomal with notable trypanocidal and cytotoxic activities, exhibiting GI50 values of 0.18 μ M against <i>T. brucei</i> and 8.4 μ M for HL-60 [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1246 mL	5.623 mL	11.2459 mL
5 mM	0.2249 mL	1.1246 mL	2.2492 mL
10 mM	0.1125 mL	0.5623 mL	1.1246 mL
50 mM	0.0225 mL	0.1125 mL	0.2249 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