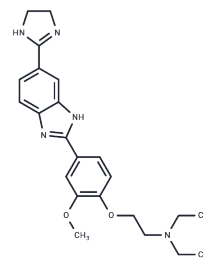


Antitrypanosomal agent 7

Chemical Properties

CAS No. :	2492436-38-9
Formula:	C ₂₃ H ₂₉ N ₅ O ₂
Molecular Weight:	407.51
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	The Antitrypanosomal agent 7 (compound 18c) is a potent anti-trypanosome agent and shows good ADME properties. The Antitrypanosomal agent 7 was more than two-fold more active against <i>T. brucei</i> (IC ₅₀ : 0.71 μM) than Nifurtimox. Antitrypanosomal agent 7 has a strong interaction with DNA and can selectively bind to AT-rich DNA.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4539 mL	12.2696 mL	24.5393 mL
5 mM	0.4908 mL	2.4539 mL	4.9079 mL
10 mM	0.2454 mL	1.227 mL	2.4539 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481