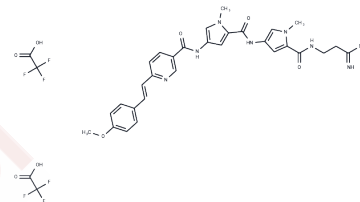


S-MGB-234 TFA

Chemical Properties

CAS No. :	1970223-54-1
Formula:	C34H34F6N8O8
Molecular Weight:	796.67
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	S-MGB-234 is a novel Minor Groove Binder that cures animal African trypanosomiasis in an in vivo mouse model. S-MGB-234 has significant potential as novel therapeutic agents for animal African trypanosomiasis.
Targets(IC50)	Others,Parasite,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2552 mL	6.2761 mL	12.5522 mL
5 mM	0.251 mL	1.2552 mL	2.5104 mL
10 mM	0.1255 mL	0.6276 mL	1.2552 mL
50 mM	0.0251 mL	0.1255 mL	0.251 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

Giordani F, Khalaf AI, Gillingwater K, Munday JC, de Koning HP, Suckling CJ, Barrett MP, Scott FJ. Novel Minor Groove Binders cure animal African trypanosomiasis in an in vivo mouse model. J Med Chem. 2019 Feb 14. doi: 10.1021/acs.jmedchem.8b01847. [Epub ahead of print] PubMed PMID: 30763102.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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