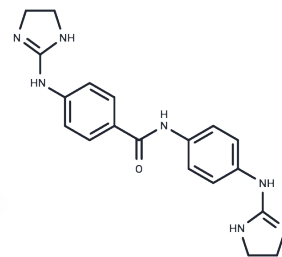


DNA crosslinker 6

Chemical Properties

CAS No. :	272791-87-4
Formula:	C ₁₉ H ₂₁ N ₇ O
Molecular Weight:	363.42
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	DNA crosslinker 6 (compound 1) is an anti-mitotic agent known for its strong binding affinity to AT-DNA and inhibition of AT-hook 1 binding to DNA (IC ₅₀ =0.03 μM). Additionally, it exhibits anti-protozoal activity, effectively inhibiting T. brucei with an EC ₅₀ of 0.83 μM.
Targets(IC ₅₀)	CGRP Receptor,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7516 mL	13.7582 mL	27.5164 mL
5 mM	0.5503 mL	2.7516 mL	5.5033 mL
10 mM	0.2752 mL	1.3758 mL	2.7516 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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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