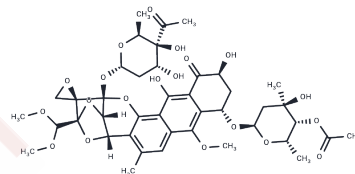


Trioxacarcin A

Chemical Properties

CAS No. :	81552-36-5
Formula:	C ₄₂ H ₅₂ O ₂₀
Molecular Weight:	876.85
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	Trioxacarcin A is a natural alkylating agent classified as a novel natural antitumor compound. It specifically targets flexible guanine in parallel G-quadruplex DNA (G4-DNA) loops, stabilizing the G4-DNA structure through alkylation on the RET G4-DNA.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1404 mL	5.7022 mL	11.4045 mL
5 mM	0.2281 mL	1.1404 mL	2.2809 mL
10 mM	0.114 mL	0.5702 mL	1.1404 mL
50 mM	0.0228 mL	0.114 mL	0.2281 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