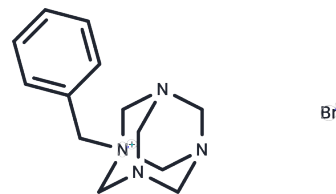


Roslin 2 bromide

Chemical Properties

CAS No. :	29574-21-8
Formula:	C ₁₃ H ₁₉ BrN ₄
Molecular Weight:	311.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Roslin 2 bromide (Benzylhexamethylenetetramine bromide) is a p53 reactivator that disrupts the binding of FAK and p5. Roslin 2 bromide exhibits anticancer effects.
Targets(IC50)	FAK,p53
In vitro	Roslin 2 bromide decreases cancer cell viability and clonogenicity in a p53-dependent manner[1].
In vivo	Roslin 2 bromide (60 mg/kg; i.p) significantly decreased tumor growth, disrupts the complex of FAK and p53, and up-regulated p21 in HCT116 p53+/+ but not in HCT116 p53-/- xenografts[1].

Solubility Information

Solubility	DMSO: 45 mg/mL (144.59 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2132 mL	16.0658 mL	32.1316 mL
5 mM	0.6426 mL	3.2132 mL	6.4263 mL
10 mM	0.3213 mL	1.6066 mL	3.2132 mL
50 mM	0.0643 mL	0.3213 mL	0.6426 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.

Reference

Learmount J, Callaby R, Taylor M. An observational study of ewe treatments at lambing on early infection in lambs on UK sheep farms. Vet Parasitol. 2018 Apr 15;253:55-59. doi: 10.1016/j.vetpar.2018.02.026. Epub 2018 Feb 12.

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