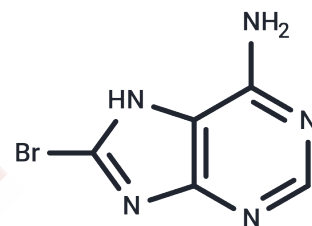


8-Bromoadenine

Chemical Properties

CAS No. :	6974-78-3
Formula:	C ₅ H ₄ BrN ₅
Molecular Weight:	214.023
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	8-Bromoadenine (8-Bromo-9H-purin-6-amine) functions as a radiosensitizer for DNA and hinders the repair of single-strand breaks within cells. It is a brominated derivative of adenine and can be used to produce radioactive adenine by replacing bromine with deuterium.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6725 mL	23.3623 mL	46.7246 mL
5 mM	0.9345 mL	4.6725 mL	9.3449 mL
10 mM	0.4672 mL	2.3362 mL	4.6725 mL
50 mM	0.0934 mL	0.4672 mL	0.9345 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