

URAT1 inhibitor 2

Chemical Properties

CAS No. :

Formula: C₂₁H₁₈BrN₃O₂S

Molecular Weight: 456.36

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	URAT1 inhibitor 2 is an orally active inhibitor of URAT1 and CYP isozyme with IC ₅₀ values of 1.36 μ M, 16.97 μ M, and 5.22 μ M for URAT1-mediated ¹⁴ C-UA uptake, CYP1A2, and CYP2C9, respectively [URAT1 inhibitor 2 is a promising drug candidate for the study of hyperuricemia and gout].
Targets(IC ₅₀)	OAT,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1913 mL	10.9563 mL	21.9125 mL
5 mM	0.4383 mL	2.1913 mL	4.3825 mL
10 mM	0.2191 mL	1.0956 mL	2.1913 mL
50 mM	0.0438 mL	0.2191 mL	0.4383 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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