

ALKBH5 inhibitor 1

Chemical Properties

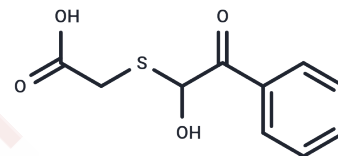
CAS No. : 37510-29-5

Formula: C₁₀H₁₀O₄S

Molecular Weight: 226.25

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	ALKBH5 inhibitor 1 (compound 3) is an inhibitor of the RNA M6A demethylase AlkBH5, exhibiting an IC ₅₀ value of 0.84 μm. Additionally, it demonstrates effective anti-proliferative activity.
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4199 mL	22.0994 mL	44.1989 mL
5 mM	0.884 mL	4.4199 mL	8.8398 mL
10 mM	0.442 mL	2.2099 mL	4.4199 mL
50 mM	0.0884 mL	0.442 mL	0.884 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