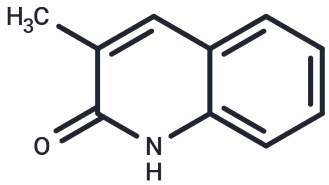
Data Sheet (Cat.No.T50035)

TargetMol
YOUR TARGET MOLECULES

3-methyl-1,2-dihydroquinolin-2-one

Chemical Properties



CAS No. : 2721-59-7

Formula: C10H9NO

Molecular Weight: 159.18

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	3-methyl-1,2-dihydroquinolin-2-one is the first known micromolar inhibitors of the ATAD2 bromodomain.
Targets(IC50)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 5.5 mg/mL (34.55 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2822 mL	31.411 mL	62.822 mL
5 mM	1.2564 mL	6.2822 mL	12.5644 mL
10 mM	0.6282 mL	3.1411 mL	6.2822 mL
50 mM	0.1256 mL	0.6282 mL	1.2564 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

Demont EH, Chung CW, Furze RC, Grandi P, Michon AM, Wellaway C, Barrett N, Bridges AM, Craggs PD, Diallo H, Dixon DP, Douault C, Emmons AJ, Jones EJ, Karamshi BV, Locke K, Mitchell DJ, Mouzon BH, Prinjha RK, Roberts AD,

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481