

UNC3474

## Chemical Properties

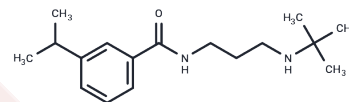
CAS No. : 1648707-79-2

Formula: C17H28N2O

Molecular Weight: 276.42

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	UNC3474, a small molecule ligand, selectively interacts with the aromatic methyl-lysine binding cage of the tumor protein 53BP1 Tudor domain (TT), exhibiting a dissociation constant (Kd) of 1.0±0.3 μM. It impedes 53BP1's recruitment to DNA double-strand breaks (DSBs), maintaining the protein's autoinhibited state within cells [1].
Targets(IC50)	Others,MDM-2/p53
In vitro	Unlike WT 53BP1 TT, 53BP1 TT-PN does not interact with UNC3474 [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6177 mL	18.0884 mL	36.1768 mL
5 mM	0.7235 mL	3.6177 mL	7.2354 mL
10 mM	0.3618 mL	1.8088 mL	3.6177 mL
50 mM	0.0724 mL	0.3618 mL	0.7235 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