

NU074381b

## Chemical Properties

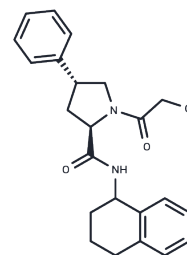
CAS No. :

Formula: C<sub>23</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight: 396.91

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	NU074381b (compound 5b) is an effective inhibitor of S100A4, disrupting the formation of the S100A4-NMII complex with an IC <sub>50</sub> value of 0.48 μM. Additionally, it inhibits cell proliferation and migration.
Targets(IC <sub>50</sub> )	Myosin
In vitro	NU074381b covalently inhibits S100A4 through a specific reaction with cysteine 81.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5195 mL	12.5973 mL	25.1946 mL
5 mM	0.5039 mL	2.5195 mL	5.0389 mL
10 mM	0.2519 mL	1.2597 mL	2.5195 mL
50 mM	0.0504 mL	0.2519 mL	0.5039 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