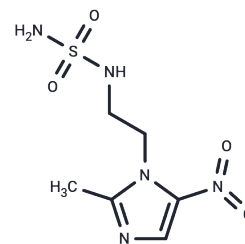


DTP348

## Chemical Properties

CAS No. : 1383370-92-0  
 Formula: C<sub>6</sub>H<sub>11</sub>N<sub>5</sub>O<sub>4</sub>S  
 Molecular Weight: 249.25  
 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	DTP348 is an oral dual CAIX inhibitor/ radiosensitizer. DTP 348 is an oral dual drug with two mechanisms of action: (1). carbonic anhydrase IX inhibitor which acidifies the intracellular pH through the sulfamide components; (2). radio sensitizer of hypoxic cells through its 5-nitroimidazole moiety.
Targets(IC50)	Others,Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.012 mL	20.0602 mL	40.1204 mL
5 mM	0.8024 mL	4.012 mL	8.0241 mL
10 mM	0.4012 mL	2.006 mL	4.012 mL
50 mM	0.0802 mL	0.4012 mL	0.8024 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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