

## DTP3 TFA (1809784-29-9 free base)

## Chemical Properties

CAS No. :

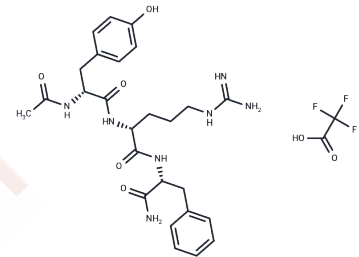
Formula: C<sub>28</sub>H<sub>36</sub>F<sub>3</sub>N<sub>7</sub>O<sub>7</sub>

Molecular Weight: 639.62

Keep away from moisture

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	DTP3 TFA (1809784-29-9 free base) (DTP3 TFA) is a potent and selective GADD45 $\beta$ /MKK7 (growth arrest and DNA-damage-inducible $\beta$ /mitogen-activated protein kinase kinase 7) inhibitor.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (78.17 mM),Sonication is recommended. H <sub>2</sub> O: 100 mg/mL (156.34 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5634 mL	7.8171 mL	15.6343 mL
5 mM	0.3127 mL	1.5634 mL	3.1269 mL
10 mM	0.1563 mL	0.7817 mL	1.5634 mL
50 mM	0.0313 mL	0.1563 mL	0.3127 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.

## Reference

Tornatore L, et al. Preclinical toxicology and safety pharmacology of the first-in-class GADD45 $\beta$ /MKK7inhibitor and clinical candidate, DTP3. Toxicol Rep. 2019 Apr 19;6:369-379.

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