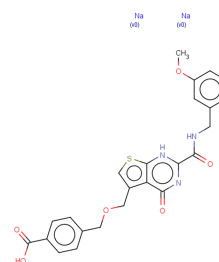


## T 26c sodium

## Chemical Properties

CAS No. :	869298-22-6
Formula:	C <sub>24</sub> H <sub>21</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>6</sub> S
Molecular Weight:	525.49
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	T 26c sodium is a highly potent and selective MMP13 inhibitor (IC <sub>50</sub> = 6.9 pM). Exhibits >2600-fold selectivity for MMP13 over related MMPs. Inhibits degradation of bovine nasal septum cartilage explants in vitro . Orally bioavailable.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.903 mL	9.5149 mL	19.0299 mL
5 mM	0.3806 mL	1.903 mL	3.806 mL
10 mM	0.1903 mL	0.9515 mL	1.903 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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

Nara et al (2014) Thieno[2,3-d]pyrimidine-2-carboxamides bearing a carboxybenzene group at 5-position: highly potent, selective, and orally available MMP-13 inhibitors interacting with the S1 binding site. Bioorg.Med.Chem. 22 5487 PMID:25192810"

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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