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**Product Data Sheet**

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Product Name: TAPI 0  
Cat. No.: GC50189

**Chemical Properties**

Cas. No. 163958-73-4

SMILES ONC(C[C@@H](CC(C)C)C(N[C@@H](CC1=CC(C=CC=C2)=C2C=C1)C(N[C@@H](C)C(N)=O)=O)=O

Formula  $C_{24}H_{32}N_4O_5$  M.Wt 456.54

Solubility DMSO : 50 mg/mL (109.52 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

ADAM-17 (TACE) and MMP inhibitor; attenuates TNF- $\alpha$  processing. Acts in concert with GM6001 to inhibit Chlamydia trachomatis growth.

Balakrishnan et al (2006) Metalloprotease inhibitors GM6001 and TAPI-0 inhibit the obligate intracellular human pathogen Chlamydia trachomatis by targeting peptide deformylase of the bacterium. J.Biol.Chem. 281 16691 PMID:16565079 |Rzeniewicz et al (2015) L-selectin shedding is activated specifically within transmigrating pseudopods of monocytes to regulate cell polarity in vitro. Proc.Natl.Acad.Sci.USA. 112 E1461 PMID:25775539

**Caution: Product has not been fully validated for medical applications. For research use only.**

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