
Product Data Sheet

Product Name: ADAMTS-5-IN-3

Cat. No.: GC65900

Chemical Properties

Cas. No. 2688733-96-0

Formula $C_{20}H_{23}Cl_2N_3O_3$

M.Wt 424.32

Solubility DMSO : 200 mg/mL (471.34 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

ADAMTS-5-IN-3 (Example 37-2) is a potent inhibitor of **ADAMTS-5** and **ADAMTS-4** with **IC₅₀**s of 8 and 12 nM, respectively. ADAMTS-5-IN-3 can be used for the research of diseases involving degradation of cartilage or disruption of cartilage homeostasis, in particular osteoarthritis and/or rheumatoid arthritis^[1].

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

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