

Product Data Sheet

Product Name: SID-852843

Cat. No.: GC70716

Chemical Properties

Cas. No. 909859-19-4

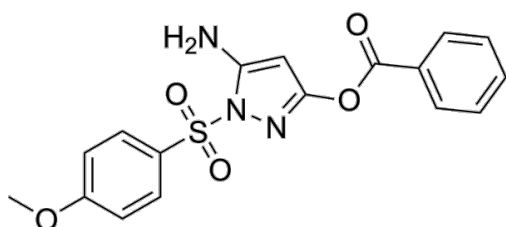
Formula $C_{17}H_{15}N_3O_5S$ M.Wt 373.38

Solubility DMSO : 100 mg/mL (267.82 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

SID-852843 is a WNV NS2B-NS3 proteinase inhibitor. SID-852843 can inhibit WNV NS2B-NS3 proteinase activity with IC₅₀ value of 0.105 μM. SID-852843 can be used for the research of virus infection.

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

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SID-852843 can inhibit WNV NS2B-NS3 proteinase activity with IC₅₀ value of 0.105 μ M^[1].

References:

[1]. Shyama Sidique, et al. Structure-activity relationship and improved hydrolytic stability of pyrazole derivatives that are allosteric inhibitors of West Nile Virus NS2B-NS3 proteinase. Bioorg Med Chem Lett. 2009 Oct 1;19(19):5773-7.

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