

Product Data Sheet

Product Name: EAAT2 activator 1

Cat. No.: GC64288

Chemical Properties

Cas. No. 892415-28-0

Formula C₁₆H₁₁ClFN₃S

M.Wt 331.8

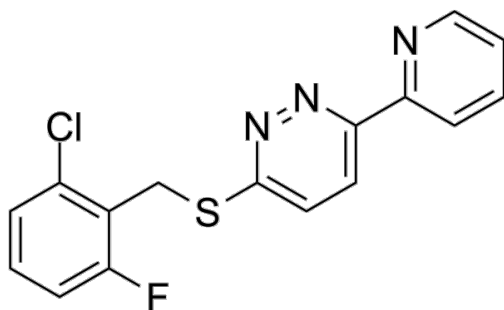
Solubility DMSO : 25 mg/mL (75.35 mM; ultrasonic and warming and heat to 60°C)

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

EAAT2 activator 1 is the potent activator of excitatory amino acid transporter 2 (EAAT2). EAAT2 is the major glutamate transporter and functions to remove glutamate from synapses. EAAT2 activator 1 increases EAAT2 protein levels dose-dependently[1].

[1]. Xing X, et al. Structure-activity relationship study of pyridazine derivatives as glutamate transporter EAAT2 activators. Bioorg Med Chem Lett. 2011;21(19):5774-5777.

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

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