

Product Data Sheet

Product Name: UCM-A86

Cat. No.: GC79509

Chemical Properties

Cas. No. 1210899-51-6

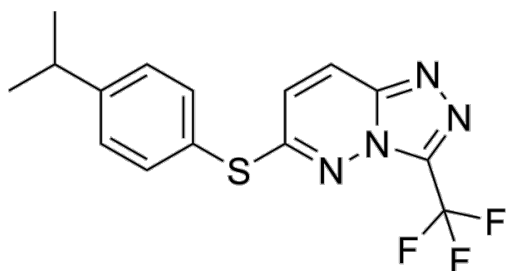
Formula $C_{15}H_{13}F_3N_4S$ M.Wt 338.35

Solubility DMSO: 100 mg/mL (295.55 mM; Need ultrasonic) Storage Store at 4°C, stored under nitrogen

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

UCM-A86 is a selective positive allosteric modulator of GluN1/GluN3 NMDA receptors with EC₅₀ values of 21 μM and 19 μM at GluN1/GluN3A and GluN1/GluN3B receptors, respectively. UCM-A86 selectively potentiates responses from GluN1/GluN3A/B over GluN1/GluN2A-D receptors. UCM-A86

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

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can be used in the research of central nervous system diseases [1].

References:

[1]. Benton AJ, et al. UCM-A86 is a selective positive allosteric modulator of GluN1/GluN3 NMDA receptors. bioRxiv [Preprint]. 2025 Nov 16:2025.11.14.688378.

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