

Product Data Sheet

Product Name: Yaddle1
Cat. No.: GC74002

Chemical Properties

Cas. No.

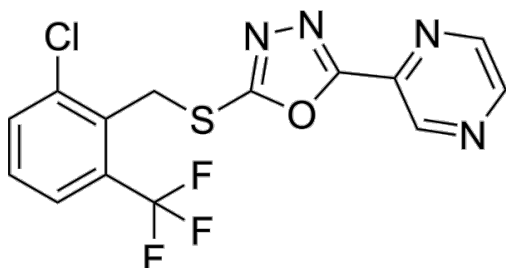
Formula $C_{14}H_8ClF_3N_4OS$ M.Wt 372.75

Solubility DMSO : 100 mg/mL (268.28 mM; Storage -20°C
Need ultrasonic)

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

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

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Yaddle1 (compound 34) a novel Piezo1 agonist, and induces Ca^{2+} influx in human CD4^{+} T cell. Yaddle1 can be used for study of vaccine adjuvant.

References:

[1]. Goon S, et al. Exploring the Structural Attributes of Yoda1 for the Development of New-Generation Piezo1 Agonist Yaddle1 as a Vaccine Adjuvant Targeting Optimal T Cell Activation. J Med Chem. 2024;67(10):8225-8246.

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