

Product Data Sheet

Product Name: GST-FH.4

Cat. No.: GC73912

Chemical Properties

Cas. No. 1358386-87-4

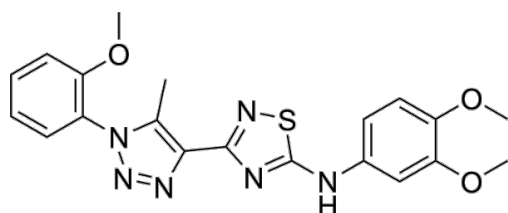
Formula $C_{20}H_{20}N_6O_3S$ M.Wt 424.48

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

GST-FH.4 is a GST-FH compound, a complex that produces frequent false positive hits (FH) in the interaction between glutathione S-transferase (GST) and glutathione (GSH). GST-FH.4 inhibits glutathione S-transferase (GST) activity with an IC_{50} of $24.38 \mu M$.

References:

[1]. Brenke JK, et al. Identification of Small-Molecule Frequent Hitters of Glutathione S-Transferase-Glutathione Interaction. J Biomol Screen. 2016 Jul;21(6):596-607.

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

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