

Product Data Sheet

Product Name: RU-TRAAK-2

Cat. No.: GC65280

Chemical Properties

Cas. No. 1210538-56-9

Formula C₁₉H₁₇N₃OS

M.Wt 335.42

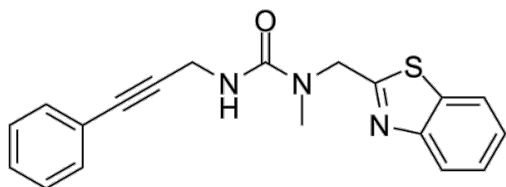
Solubility DMSO : 50 mg/mL (149.07 mM; Need ultrasonic)

Storage 4°C, protect from light

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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RU-TRAAK-2 is a completely reversible TRAAK (TWIK-related arachidonic acid-stimulated K⁺ channel) inhibitor. RU-TRAAK-2 exerts no activity for non-K₂P channels (Kv1.2, Slo1 and GIRK2)[1].

[1]. Su Z, et al. Novel cell-free high-throughput screening method for pharmacological tools targeting K⁺ channels. Proc Natl Acad Sci U S A. 2016;113(20):5748-5753.

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