

Product Data Sheet

Product Name: Zagociguat

Cat. No.: GC65182

Chemical Properties

Cas. No. 2201048-82-8

Formula C₁₆H₁₀F₄N₆

M.Wt 362.28

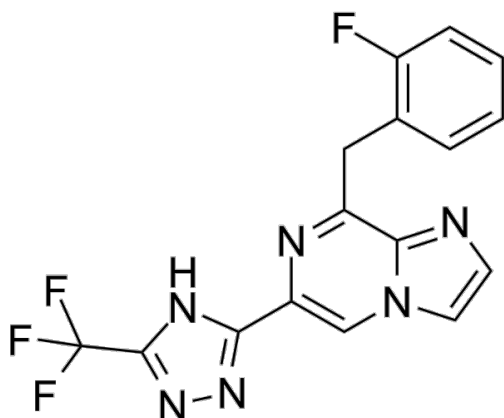
Solubility DMSO : 250 mg/mL (690.07 mM;
Need ultrasonic)

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

Zagociguat is the stimulator of soluble guanylate cyclase. Zagociguat increases nitric oxide (NO)

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

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signaling leading to an increase in cyclic guanosine monophosphate production. Zagociguat has the potential for the research of noncentral nervous system (CNS) disorders[1].

[1]. Debra J. Wallace, et al. Accelerated Development of a Scalable Synthesis of CY6463, a CNS-Penetrant sGC Stimulator for the Treatment of Neurodegenerative Diseases. Org Process Res Dev. 2021;25(10):2288-2299.

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