

Product Data Sheet

Product Name: HTS13286

Cat. No.: GC81582

Chemical Properties

Cas. No. 727359-12-8

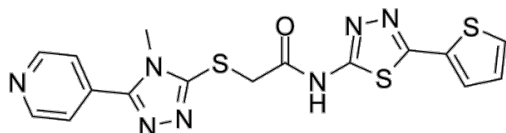
Formula $C_{16}H_{13}N_7OS_3$ M.Wt 415.52

Solubility DMSO: 4 mg/mL (9.63 mM); ultrasonic and warming and heat to 60°C) Storage Store at -20°C, protect from light, 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

HTS13286 is a novel AQP9 inhibitor. HTS13286 prevents the LPS-induced increase of NO. HTS13286 reduces glucose output. HTS13286 can be used in the research of endotoxin shock [1].

References:

[1]. Jelen S, et al. Aquaporin-9 protein is the primary route of hepatocyte glycerol uptake for glycerol gluconeogenesis in mice. J Biol Chem. 2011 Dec 30;286(52):44319-25.

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

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[2]. Tesse A, et al. Aquaporin-9 (AQP9) exerts a role in the early phase of the systemic inflammation of a murine model of endotoxic shock[J]. Physiology, 2024, 39(S1): 1193.

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