

Product Data Sheet

Product Name: Bevurogant

Cat. No.: GC63436

Chemical Properties

Cas. No. 1817773-66-2

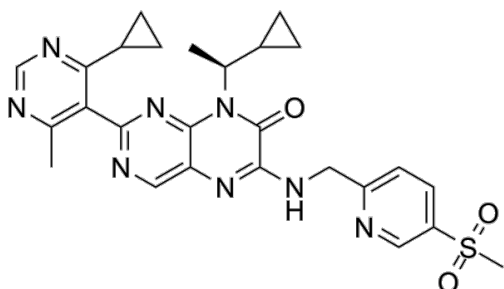
Formula $C_{26}H_{28}N_8O_3S$ M.Wt 532.62

Solubility DMSO : 250 mg/mL (469.38 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

Bevurogant (BI 730357) is a retinoid-related orphan receptor-gamma t (ROR γ t) antagonist^[1]. Retinoic acid-related orphan receptors (RORs, including ROR α , ROR β , and ROR γ) act as

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transcription factors upon binding with their ligands. ROR γ t, a subtype of ROR γ , promotes Th17 cell responses through transcription of IL-17A, IL-17F, IL-22, and IL-23R^[2]. Bevurogant is used in research on chronic inflammatory diseases such as psoriasis^[3].

References:

- [1] Choi H J, Madari S, Huang F. Utilising Endogenous Biomarkers in Drug Development to Streamline the Assessment of Drug–Drug Interactions Mediated by Renal Transporters: A Pharmaceutical Industry Perspective[J]. Clinical Pharmacokinetics, 2024: 1-15.
- [2] Carmona-Rocha E, Rusiñol L, Puig L. New and emerging oral/topical small-molecule treatments for psoriasis[J]. Pharmaceutics, 2024, 16(2): 239.
- [3] Ooi Q X, Kristoffersson A, Korell J, et al. Bounded integer model-based analysis of psoriasis area and severity index in patients with moderate-to-severe plaque psoriasis receiving BI 730357[J]. CPT: Pharmacometrics & Systems Pharmacology, 2023, 12(6): 758-769.

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