

Product Data Sheet

Product Name: (Rac)-Tivantinib

Cat. No.: GC74162

Chemical Properties

Cas. No. 1239986-50-5

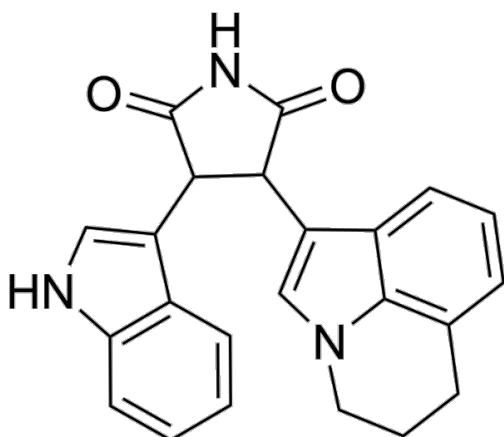
Formula $C_{23}H_{19}N_3O_2$ M.Wt 369.42

Solubility DMSO : 100 mg/mL (270.69 mM; Storage -20°C
Need ultrasonic)

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

(Rac)-Tivantinib is the isomer of Tivantinib , and can be used as an experimental control. Tivantinib is

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a highly selective c-Met tyrosine kinase inhibitor with a K_i of 355 nM.

References:

- [1]. Bai YL, et al. Quantitative analysis of tivantinib in rat plasma using ultra performance liquid chromatograp with tandem mass spectrometry. J Pharm Biomed Anal. 2016 Jul 15;126:98-102.
- [2]. Munshi N, et al. ARQ 197, a novel and selective inhibitor of the human c-Met receptor tyrosine kinase with antitumor activity. Mol Cancer Ther. 2010 Jun;9(6):1544-53.

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