

Product Data Sheet

Product Name: TMP920
Cat. No.: GC39299

Chemical Properties

Cas. No. 1421837-45-7

SMILES O=C(NC(C1=CC=C(C=C1C)C)C2=CC=CC=C2)CC3=CC=C(C=C3)OCC4=C(ON=C4C)C

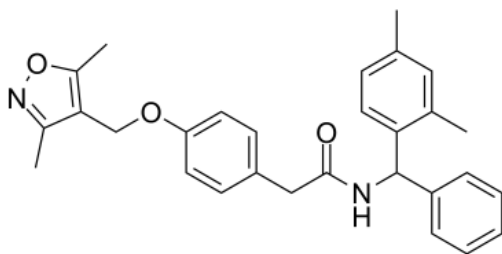
Formula $C_{29}H_{30}N_2O_3$ M.Wt 454.56

Solubility DMSO: 62.5 mg/mL (137.50 mM) 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

TMP920 is a highly potent and selective ROR γ t antagonist. TMP920 inhibits ROR γ t binding to the SRC1 peptide with an IC₅₀ of 0.03 μ M[1].

[1]. Xiao S, et al. Small-molecule ROR γ t antagonists inhibit T helper 17 cell transcriptional network by divergent mechanisms. Immunity. 2014 Apr 17;40(4):477-89.

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

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