
Product Data Sheet

Product Name: RORyt Inverse agonist 3

Cat. No.: GC37557

Chemical Properties

Cas. No. 2364429-77-4

SMILES CC(C)C1=NC2=C(C=CC=C2OCC3=C(Cl)C=CC(S(=O)(=O)N4CCC[C@H]4C(NC)=O)=O)=C3Cl)C(C5=CN=CN5C)=C1Formula C₂₉H₃₁Cl₂N₅O₄S M.Wt 616.56

Solubility DMSO : 100 mg/mL (162.19 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**

RORyt Inverse agonist 3 is a potent, selective and orally active RORγ inverse agonist, with EC₅₀s of 0.22 μM and 0.15 μM for hRORγ and RORyt (human IL-17 cells), respectively[1]. EC₅₀: 0.22 μM (hRORγ), 0.15 μM (RORyt, human IL-17 cells)[1]

[1]. Amaudrut J, et al. Discovery of novel quinoline sulphonamide derivatives as potent, selective and orally active RORγ inverse agonists. *Bioorg Med Chem Lett.* 2019 Jul 15;29(14):1799-1806.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA