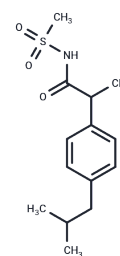


(Rac)-Reparixin

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 957407-64-6 |
| Formula: | C ₁₄ H ₂₁ NO ₃ S |
| Molecular Weight: | 283.39 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | (Rac)-Reparixin serves as an isomer of Reparixin and is used as a control compound in experiments. Reparixin acts as a non-competitive allosteric inhibitor of the chemokine receptors CXCR1 and CXCR2, with IC ₅₀ values of 1 nM and 100 nM respectively. |
| Targets(IC ₅₀) | CXCR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5287 mL | 17.6435 mL | 35.2871 mL |
| 5 mM | 0.7057 mL | 3.5287 mL | 7.0574 mL |
| 10 mM | 0.3529 mL | 1.7644 mL | 3.5287 mL |
| 50 mM | 0.0706 mL | 0.3529 mL | 0.7057 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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