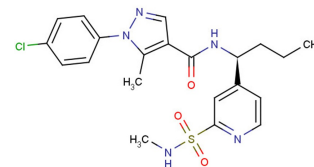


CCR1 antagonist 7

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | T10709 |
| Formula: | C ₂₁ H ₂₄ ClN ₅ O ₃ S |
| Molecular Weight: | 461.96 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|--|
| Description | CCR1 antagonist 7 (compound 16r) is a CCR1 antagonist (IC ₅₀ : 4 nM). |
| Targets(IC ₅₀) | CCR1: 4 nM |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.165 mL | 10.823 mL | 21.647 mL |
| 5 mM | 0.433 mL | 2.165 mL | 4.329 mL |
| 10 mM | 0.216 mL | 1.082 mL | 2.165 mL |
| 50 mM | 0.043 mL | 0.216 mL | 0.433 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Harcken C, et al. Discovery and optimization of pyrazole amides as antagonists of CCR1. Bioorg Med Chem Lett. 2019 Feb 1;29(3):435-440.

Inhibitors · Natural Compounds · Compound Libraries

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