

R-HP210

Chemical Properties

CAS No. :

Formula: C₂₂H₁₉N₃O₂S₂

Molecular Weight: 421.53

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	R-HP210 is a selective glucocorticoid receptor modulator (SGRM) that exerts anti-inflammatory activity by acting on the NF- κ B-mediated inhibitory cross-talk (IC ₅₀ = 3.80 μ M) without inducing glucocorticoid-mediated transactivation. R-HP210 effectively inhibits the transcription of various LPS-induced pro-inflammatory genes, such as IL-1 β , IL-6, and COX-2.
Targets(IC50)	Others,NF- κ B

Solubility Information

Solubility	DMSO: 200 mg/mL (474.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3723 mL	11.8616 mL	23.7231 mL
5 mM	0.4745 mL	2.3723 mL	4.7446 mL
10 mM	0.2372 mL	1.1862 mL	2.3723 mL
50 mM	0.0474 mL	0.2372 mL	0.4745 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.

Reference

Xueping Hu, et al. Discovery of novel non-steroidal selective glucocorticoid receptor modulators by structure- and IGN-based virtual screening, structural optimization, and biological evaluation. Eur J Med Chem. 2022 Jul 5;237: 114382.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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