

Product Data Sheet

Product Name: TSLP modulator-1

Cat. No.: GC79405

Chemical Properties

Cas. No.

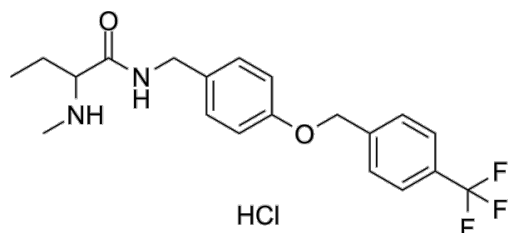
Formula $C_{20}H_{24}ClF_3N_2O_2$ M.Wt 416.86

Solubility DMSO: 70 mg/mL (167.92 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

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

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TSLP modulator-1 (Compound 14O) is a potent TSLP signaling modulator. TSLP modulator-1 exhibits potent inhibition of CCL17 and IL-1 β mRNA expression. TSLP modulator-1 attenuates the protein levels of IL-6, IL-4 and IL-13. TSLP modulator-1 significantly attenuates calcium influx. TSLP modulator-1 exerts anti-inflammatory effects. TSLP modulator-1 effectively alleviates pruritus and atopic dermatitis-like symptoms [1].

References:

[1]. Seo KH, et al. Synthetic Strategy and Evaluation of the Benzyloxy Benzylamide Derivatives as Thymic Stromal Lymphopoietin Modulators for the Treatment of Atopic Dermatitis. J Med Chem. 2026 Jan 22;69(2):1154-1177.

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