

Product Data Sheet

Product Name: Cyclo(CKLIIF) TFA

Cat. No.: GC74310

Chemical Properties

Cas. No.

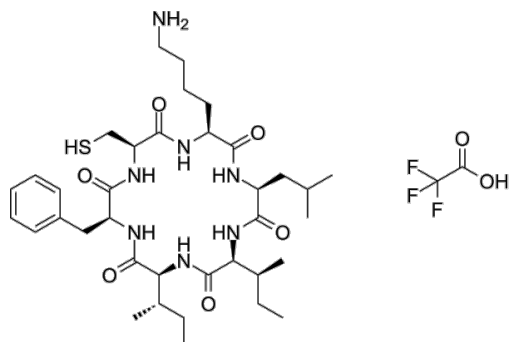
Formula $C_{38}H_{60}F_3N_7O_8S$ M.Wt 831.99

Solubility DMSO : 100 mg/mL (120.19 mM; Storage Sealed storage, away from moisture
Need ultrasonic)

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

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Cyclo CKLIIF is a dual inhibitor for hypoxia inducible factor (HIF) 1 and 2, which disrupts the interaction of both HIF1- α and HIF2- α with HIF1- β , with affinity for HIF1- α and HIF2- α PAS-B domains KD of 2.6 and 2.2 μ M, respectively.

References:

[1]. Ball AT, et al., Identification and Development of Cyclic Peptide Inhibitors of hypoxia Inducible Factors 1 and 2 That Disrupt hypoxia-Response Signaling in Cancer Cells. J Am Chem Soc. 2024 Mar 19.

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