Product Data Sheet

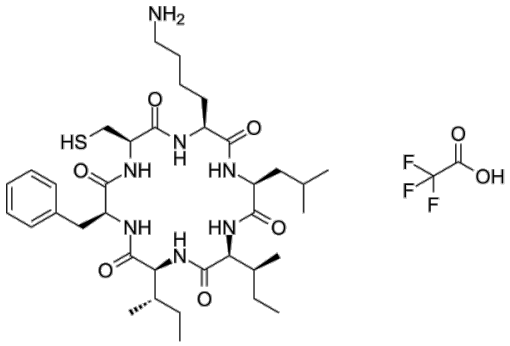
Product Name: Cyclo(CKLIIF) TFA
Cat. No.: GC74310

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; Need ultrasonic)	Storage	Sealed storage, away from moisture
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

Product Data Sheet

Cyclo CKLIIF is a dual inhibitor for poxia 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 μM, respectively.

References:

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

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

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