

Product Data Sheet

Product Name: CYN 154806 (trifluoroacetate salt)

Cat. No.: GC91460

Chemical Properties

Cas. No.

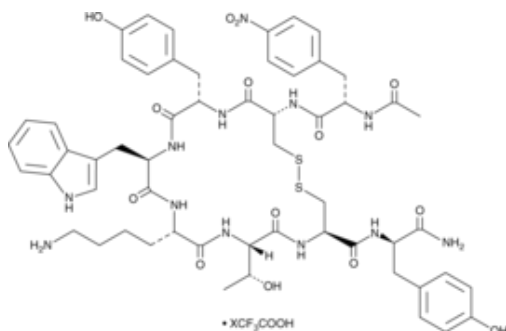
Formula C₅₆H₆₈N₁₂O₁₄S₂ ? XCF₃COOH M.Wt 1197.3

Solubility DMF: 25 mg/ml, DMSO: 10 mg/ml, Ethanol: 25 mg/ml 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

CYN 154806 is a cyclic peptide somatostatin receptor 2 (SST2) antagonist (IC₅₀ = 2.62 nM).¹ It is selective for SST2 over SST1, SST3, SST4, and SST5 (IC₅₀s = 3,890, 851, 1,737, and 331 nM, respectively). CYN 154806 inhibits SST-induced increases in extracellular acidification (EAR) in CHO-K1 cells expressing recombinant human SST2 (pK_B = 7.92) and 35S]GTPγS binding in CHO-K1 cell membranes expressing recombinant human SST2 (pK_B = 7.81).

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

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