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**Product Data Sheet**

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Product Name: CYN 154806 TFA

Cat. No.: GC35787

**Chemical Properties**

Cas. No. 2828432-46-6

Formula  $C_{58}H_{69}F_3N_{12}O_{16}S_2$  M.Wt 1311.36

Solubility Water: 50 mg/mL (38.13 mM) 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 (TFA), a cyclic octapeptide, is a potent and selective somatostatin sst2 receptor antagonist, with pIC50 values of 8.58, 5.41, 6.07, 5.76 and 6.48 for human recombinant sst2, sst1, sst3, sst4 and sst5 receptors respectively[1][2]. Somatostatin Receptor[1].

[1]. Bass RT, et al. Identification and characterization of novel somatostatin antagonists. Mol Pharmacol. 1996 Oct;50(4):709-15. [2]. Feniuk W, et al. Selective somatostatin sst(2) receptor blockade with the novel cyclic octapeptide, CYN-154806. Neuropharmacology. 2000 Jun 8;39(8):1443-50.

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

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