

Product Data Sheet

Product Name: tcY-NH2 TFA

Cat. No.: GC61316

Chemical Properties

Cas. No. 1262750-73-1

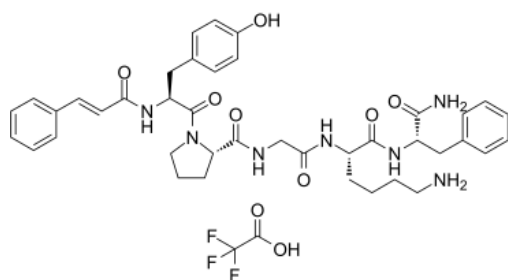
Formula $C_{42}H_{50}F_3N_7O_9$ M.Wt 853.88

Solubility DMSO: 250 mg/mL (292.78 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

tcY-NH2 TFA is a selective rat PAR4 antagonist peptide. tcY-NH2 TFA inhibits thrombin- and AY-NH2-induced rat platelet aggregation[1][2].

[1]. Morley D Hollenberg, et al. Proteinase-activated receptor-4: evaluation of tethered ligand-derived peptides as probes for receptor function and as inflammatory agonists in vivo. Br J Pharmacol. 2004 Oct;143(4):443-54. [2]. L Ma, et al. Thrombin-induced platelet endostatin release is blocked by a proteinase activated receptor-4 (PAR4) antagonist. Br J Pharmacol. 2001 Oct;134(4):701-4.

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

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