

Product Data Sheet

Product Name: VTP-27999 TFA

Cat. No.: GC37926

Chemical Properties

Cas. No. 1013937-63-7

SMILES O=C(O)C(F)(F)F.COC(NCCO[C@@H](C1=CC(Cl)=CC=C1)[C@@]2([H])CN(CCC2)C(NC[C@@H](NC)C[C@H]3CCCCOC3)=O)=O

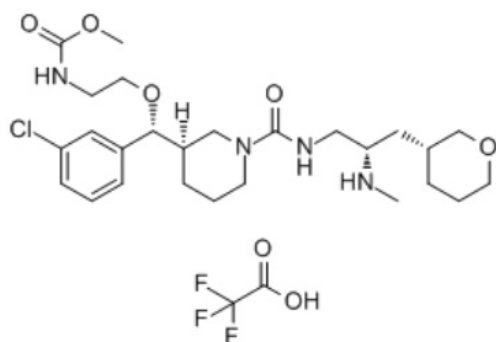
Formula $C_{28}H_{42}ClF_3N_4O_7$ M.Wt 639.1

Solubility Water: 10 mg/mL (15.65 mM);
Ethanol: 2.4 mg/mL (3.76 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

VTP-27999 TFA is an alkyl amine Renin inhibitor; VTP-27999 TFA is useful for Hypertension and End-Organ Diseases.

[1]. New renin inhibitor VTP-27999 alters renin immunoreactivity and does not unfold prorenin. Hypertension. 2013 May;61(5):1075-1082. [2]. Lanqi Jia et al. Discovery of VTP-27999, an Alkyl

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

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Amine Renin Inhibitor with Potential for Clinical Utility ACS Med. Chem. Lett., 2011, 2 (10), pp 747-751 [3]. Ishchenko A, et al. Structure-based design technology contour and its application to the design of Renin inhibitors. J Chem Inf Model. 2012 Aug 27;52(8):2089-97. Epub 2012 Jul 25.

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