

Product Data Sheet

Product Name: Velneperit (S2367)

Cat. No.: GC31338

Chemical Properties

Cas. No. 342577-38-2

SMILES FC(F)(F)C1=CN=C(NC([C@H]2CCC[C@H](NS(=O)(C(C)(C)C)=O)CC2)=O)C=C1

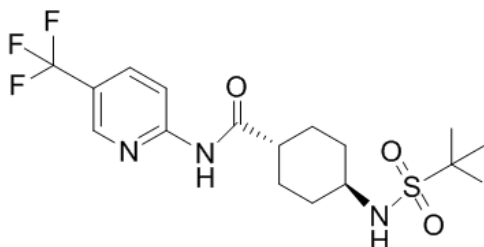
Formula $C_{17}H_{24}F_3N_3O_3S$ M.Wt 407.45

Solubility DMSO : ≥ 30 mg/mL (73.63 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

Velneperit (S-2367) is a novel neuropeptide Y (NPY) Y5 receptor antagonist. Target: neuropeptide Y receptor. Velneperit (S-2367) is a once-daily, oral, centrally acting, small molecule neuropeptide Y (NPY) Y5 receptor antagonist.

[1]. Shinichi Oda*, et al. Development of an Optimized Synthetic and Purification Process of S-2367 (Velneperit), a Novel Neuropeptide Y (NPY) Y5 Receptor Antagonist. Org. Process Res. Dev., 2015, 19 (4), pp 531-536.

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

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