

Product Name : Cl-966

Synonyms : PD 126141

Cat No. : M10395

CAS Number : 110283-79-9

Molecular Formula : C₂₃H₂₁F₆NO₃

Formula Weight : 473.42

Chemical Name : 1-[2-[bis[4-(Trifluoromethyl)phenyl]methoxy]ethyl]-1,2,5,6-tetrahydropyridine-3-carboxylic acid

Description : Cl-966 (PD 126141) is a potent, selective inhibitor of the GABA transporter GAT-1 with IC₅₀ of 0.26 and 1.2 μM for human and rat GAT-1, respectively; displays >200-fold selectivity over GAT-2 and GAT-3; shows anticonvulsive and neuroprotective activity in vivo. Epilepsy Phase 1 Discontinued

Pathway : Membrane Transporter/Ion Channel

Target : GAT

Receptor : GAT

Solubility : —

SMILES : C1CN(CC(=C1)C(=O)O)CCOC(C2=CC=C(C(=C2)C(F)(F)F)C3=CC=C(C(=C3)C(F)(F)F)

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Ebert U, et al. Can J Physiol Pharmacol. 1990 Sep;68(9):1194-9. 2. Radulovic LL, et al. Pharm Res. 1993 Oct;10(10):1442-5. 3. Phillis JW. Gen Pharmacol. 1995 Sep;26(5):1061-4.

