
20S Proteasome activator 1

产品编号: D56047

CAS: 2761578-18-9

分子式: C₂₇H₁₉ClF₂N₂O₅

纯度: 99.68%

InChi Key: InChIKey=ZFFNQHQEQWDWBM-UHFFFAOYSA-N

Smiles: O=C(N(C1=CC=C(F)C=C1)C2=CC=C(F)C=C2)CCN3C=4C=CC=CC4SC5=CC=C(Cl)C=C53

外观: 固体粉末

作用通路: Proteases/Proteasome;Ubiquitination

作用靶点: Proteasome

溶解性: DMSO:49.30 mg/mL (100 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: 20S Proteasome activator 1 is a 20S proteasome activator with IC₅₀ of 0.3 μM for trypsin-like sites, 0.7 μM for chymotrypsin-like sites and 1.8 μM for caspase sites. 20S Proteasome activator 1 prevents the accumulation of pathogenic alpha-synuclein A53T mutants through translation in the cellular system, thereby reducing the probability of disease occurrence. The 20S Proteasome activator 1 can be used to study neurodegenerative diseases.