
Tyrosinase-IN-12

产品编号: D52254

CAS: 1860779-42-5

分子式: C₁₆H₁₂ClN₃S

纯度: 98%

InChi Key: InChIKey=YQKYELGBAMTOTP-VCHYOVAHSA-N

Smiles: N(/N=C/C1=CC=C(Cl)C=C1)C2=NC(=CS2)C3=CC=CC=C3

外观: 固体粉末

作用通路: Proteases/Proteasome

作用靶点: Tyrosinase

溶解性: DMSO:40 mg/mL (127.47 mM,Need ultrasonic)

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

产品介绍: Tyrosinase-IN-12(Non-competitive tyrosinase inhibitor) is a potent non-competitive tyrosinase inhibitor with an IC₅₀ of 49.33 ± 2.64 μM and a K_i of 31.25 ± 0.25 μM. Tyrosinase-IN-12 has significant antioxidant and free radical scavenging activity (IC₅₀:25.39 ± 0.77 μM), reducing reactive oxygen species (ROS) production. Tyrosinase inhibitor (Tyrosinase-IN-12) has significant antioxidant and free radical scavenging activity and reduces the production of reactive oxygen species (ROS) (IC₅₀:25.39 ± 0.77 μM).Tyrosinase-IN-12 can be used for the study of browning of substances in food and fruits.