
APX-115 free base

产品编号: D51541

CAS: 1270084-92-8

分子式: C₁₇H₁₇N₃O

纯度: ≥98%

InChi: InChI=1S/C₁₇H₁₇N₃O/c1-2-8-14-16(13-9-4-3-5-10-13)19-20(17(14)21)15-11-6-7-12-18-15/h3-7,9-12,21H,2,8H₂,1H₃

InChi Key: LQKQLKMTJOMCMJ-UHFFFAOYSA-N

Smiles: CCCC1C(=NN(C=O)C1C=CC=CN=1)C1C=CC=CC=1

外观: 固体粉末

作用通路: NADPH Oxidase

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: APX-115, also known as EWHA-18278, is a potent, orally active pan NADPH oxidase (Nox) inhibitor. APX-115 protects development of diabetic nephropathy in podocyte specific NOX5 transgenic mice. APX-115 might be a promising therapeutic agent for the treatment of DN because of its pan-NOX inhibitory activity, including its NOX5 inhibitory activity, and also owing to its anti-inflammatory effect.