
Darusentan

产品编号: D62119

CAS: 171714-84-4

分子式: C₂₂H₂₂N₂O₆

纯度: 98%

InChi Key: InChIKey=FEJVSJIALLTFRP-LJQANCHMSA-N

Smiles: COc1cc(OC)nc(O[C@H](C(O)=O)C(OC)(c2ccccc2)c2ccccc2)n1

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: Endothelin Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Darusentan (Lu-135252) is a selective endothelin receptor A (ET-A) receptor antagonist, which binds with a K_i of 1.4 nM to the ET-A receptor and a K_i of 184 nM to ET-B receptor, respectively with a 100-fold selectivity for ETA rather than ETB receptors. Darusentan competes for radiolabeled endothelin binding in rat aortic vascular smooth muscle cells (RAVSMs) membranes with single-site kinetics, exhibiting a K_i of 13 nM