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## BI-0115

产品编号: D52575

CAS: 4929-23-1

分子式: C<sub>15</sub>H<sub>14</sub>ClN<sub>3</sub>O

纯度: 99.69%

InChi Key: InChIKey=QTCZUCSALXBZQR-UHFFFAOYSA-N

Smiles: O=C1N(CCC)C2=CC=CN=C2NC3=C1C=CC(Cl)=C3

外观: 固体粉末

作用通路: Metabolism

作用靶点: Lipoxygenase

溶解性: DMSO: 2.87 mg/mL (9.99 mM)

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

产品介绍: BI-0115 is a selective small molecule inhibitor of LOX-1 that blocks cellular uptake of oxLDL.

It binding triggers receptor inhibition by formation of dimers of the homodimeric ligand binding domain. The structure of LOX-1 bound to BI-0115 shows that inter-ligand interactions at the receptor interfaces are key to the formation of the receptor tetramer thereby blocking oxLDL binding.