

<b>Product Name</b>	: BI-0115
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M24450
<b>CAS Number</b>	: 4929-23-1
<b>Molecular Formula</b>	: C <sub>15</sub> H <sub>14</sub> ClN <sub>3</sub> O
<b>Formula Weight</b>	: 287.7
<b>Chemical Name</b>	: —
<b>Description</b>	: 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.
<b>Pathway</b>	: Immunology/Inflammation
<b>Target</b>	: Lipoxygenase
<b>Receptor</b>	: LOX-1
<b>Solubility</b>	: DMSO:10 mM
<b>SMILES</b>	: <chem>O=C1N(CCC)C2=CC=CN=C2NC3=C1C=CC(Cl)=C3</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	: