

<b>Product Name</b>	: ALR2-IN-1
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M36935
<b>CAS Number</b>	: 2799695-54-6
<b>Molecular Formula</b>	: C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> S
<b>Formula Weight</b>	: 315.39
<b>Chemical Name</b>	: —
<b>Description</b>	: ALR2-IN-1 is a potent and selective ALR2 inhibitor (IC <sub>50</sub> =1.42 μM). ALR2-IN-1 shows antioxidant and antiglycative properties. ALR2-IN-1 can be used in diabetic complication research.
<b>Pathway</b>	: Endocrinology/Hormones
<b>Target</b>	: Reductase
<b>Receptor</b>	: Reductase
<b>Solubility</b>	: In Vitro: ?DMSO : 100 mg/mL (317.07 mM; Ultrasonic )
<b>SMILES</b>	: <chem>N(C(NN=CC1=C(O)C=CC(C)=C1)=S)C2=CC(OC)=CC=C2</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Aqeel Imran, et al. Development, Molecular Docking, and In Silico ADME Evaluation of Selective ALR2 Inhibitors for the Treatment of Diabetic Complications via Suppression of the Polyol Pathway. ACS Omega 2022.