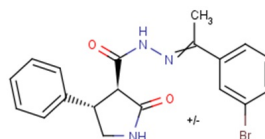


Product Name	: AC-264613
Synonyms	: AC-264613; AC 264613; AC264613
Cat No.	: M17128
CAS Number	: 1051487-82-1
Molecular Formula	: C ₁₉ H ₁₈ BrN ₃ O ₂
Formula Weight	: 400.28
Chemical Name	: (3R,4S)-rel-2-Oxo-4-phenyl-3-pyrrolidinecarboxylic acid 2-[1-(3-bromophenyl)ethylidene]hydrazide
Description	AC-264613 is the first agonist of the G-protein-coupled receptor (GPCR) protease activated receptor 2 (PAR2). AC-264613 suppresses interferon regulatory factor 5 and decreases interleukin-12p40 production by lipopolysaccharide-stimulated macrophages. AC-264613 activated PAR2 signaling in cellular proliferation assays, phosphatidylinositol hydrolysis assays, and Ca(2+) mobilization assays, with potencies ranging from 30 to 100 nM.
Pathway	: Others
Target	: Other Targets
Receptor	: PAR-2
Solubility	: —
SMILES	: <chem>O=C([C@H]1C(=O)NC[C@@H]1c1ccccc1)N/N=C(/c1cccc(Br)c1)\C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



I.Cosimi E, et al. Stereoselective Synthesis of α-Fluoro-γ-nitro Thioesters under Organocatalytic Conditions. Org Lett. 2016 Dec 2;18(23):6014-6017