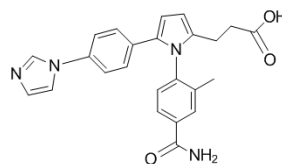


Product Name	: N6022
Synonyms	: N 6022;N-6022
Cat No.	: M10777
CAS Number	: 1208315-24-5
Molecular Formula	: C ₂₄ H ₂₂ N ₄ O ₃
Formula Weight	: 414.46
Chemical Name	: 1H-Pyrrole-2-propanoic acid, 1-[4-(aminocarbonyl)-2-methylphenyl]-5-[4-(1H-imidazol-1-yl)phenyl]-
Description	: A potent and reversible S-Nitrosogluthathione reductase (GSNOR) inhibitor with IC ₅₀ of 20 nM; reduces bronchoconstriction and pulmonary inflammation in a mouse model of asthma and demonstrates an acceptable safety profile. Asthma Phase 2 Clinical
Pathway	: Metabolic Enzyme/Protease
Target	: GSNOR
Receptor	: S-nitrosogluthathionereductase(GSNOR)
Solubility	: DMSO: ≥ 46 mg/mL
SMILES	: <chem>O=C(O)CCC1=CC=C(C2=CC=C(N3C=CN=C3)C=C2)N1C4=CC=C(C(N)=O)C=C4C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Sun X, et al. ACS Med Chem Lett. 2011 Mar 11;2(5):402-6. 2. Sun X, et al. ACS Med Chem Lett. 2011 Mar 11;2(5):402-6. 3. Green LS, et al. Biochemistry. 2012 Mar 13;51(10):2157-68. 4. Blonder JP, et al. BMC Pulm Med. 2014 Jan 10;14:3.