

Product Name	: JNJ-1289
Synonyms	: —
Cat No.	: M35465
CAS Number	: 792898-18-1
Molecular Formula	: C ₁₆ H ₁₂ N ₄ O ₅
Formula Weight	: 308.36
Chemical Name	: —
Description	: JNJ-1289 is a potent, selective, competitive and allosteric human spermine oxidase (hSMOX) inhibitor (IC ₅₀ : 50 nM). JNJ-1289 can be used in the research of polyamine catabolism, inflammation and cancers.
Pathway	: Wnt/Notch/Hedgehog
Target	: Smoothed (Smo)
Receptor	: Smo
Solubility	: In Vitro: ?DMSO : 100 mg/mL (324.30 mM; Ultrasonic)
SMILES	: <chem>N(C1=NC(C=2N3C(=NC2)C=CC=C3)=CS1)C4=CC=C(O)C=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Elsie Diaz, et al. B Structure of human spermine oxidase in complex with a highly selective allosteric inhibitor. Commun Biol. 2022 Aug 5;5(1):787. ?