

Product Name : XEN-907

Synonyms : XEN907;XEN 907

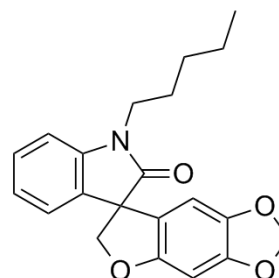
Cat No. : M16553

CAS Number : 912656-34-9

Molecular Formula : C₂₁H₂₁NO₄

Formula Weight : 351.40

Chemical Name : Spiro[furo[2,3-f]-1,3-benzodioxole-7(6H),3'-[3H]indol]-2'(1'H)-one, 1'-pentyl-



Description : A potent, selective NaV1.7 blocker with IC₅₀ of 3 nM; shows no significant activity at 10 uM against a broad panel of 63 receptors and transporters; has no cytotoxic and favourable hepatocyte metabolic stability for both human and dog, Pain Preclinical

Pathway : Membrane Transporter/Ion Channel

Target : Sodium Channel

Receptor : Sodium Channel

Solubility : 10 mM in DMSO

SMILES : O=C(C12COC3=C1C=C(OCO4)C4=C3)N(CCCCC)C5=C2C=CC=C5

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Chowdhury S, et al. Bioorg Med Chem Lett. 2011 Jun 15;21(12):3676-81.