

Product Name	: AVN944
Synonyms	: AVN 944; AVN-944; AVN944; VX944; VX 944; VX-944.
Cat No.	: M13910
CAS Number	: 297730-17-7
Molecular Formula	: C ₂₅ H ₂₇ N ₅ O ₅
Formula Weight	: 477.51
Chemical Name	: (R)-1-cyanobutan-2-yl ((S)-1-(3-(3-methoxy-4-(oxazol-5-yl)phenyl)ureido)phenyl)ethyl)carbamate
Description	: AVN-944(VX-944) is a selective, noncompetitive inhibitor of the enzyme directed against human IMPDH with K _i of 6-10 nM for IMPDH1/IMPDH2.
Pathway	: Metabolic Enzyme/Protease
Target	: Dehydrogenase
Receptor	: IMPDH
Solubility	: DMSO: 58 mg/mL
SMILES	: <chem>O=C(O[C@H](CC)CC#N)N[C@H](C1=CC=CC(NC(=O)NC2=CC=C(C3=CN=CO3)C(OC)=C2)=O)=C1)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zimmermann AG, et al. Prog Nucleic Acid Res Mol Biol. 1998;61:181-209.

