

Product Name	: Temanogrel
Synonyms	: APD791
Cat No.	: M24910
CAS Number	: 887936-68-7
Molecular Formula	: C ₂₄ H ₂₈ N ₄ O ₄
Formula Weight	: 436.5
Chemical Name	: —
Description	: Temanogrel is a highly selective antagonist of the 5-HT _{2A} receptor (K _i : 4.9 nM).
Pathway	: Endocrinology/Hormones
Target	: 5-HT Receptor
Receptor	: 5-HT _{2A}
Solubility	: DMSO:125 mg/mL (286.37 mM; Need ultrasonic)
SMILES	: <chem>Cn1cccc1-c(cc(cc1)NC(c2cc(OC)ccc2)=O)c1OCCN1CCOCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Xiong Y, et al. Discovery and structure-activity relationship of 3-methoxy-N-(3-(1-methyl-1H-pyrazol-5-yl)-4-(2-morpholinoethoxy)phenyl)benzamide (APD791): a highly selective 5-hydroxytryptamine_{2A} receptor inverse agonist for the treatment of arterial thrombosis. J Med Chem. 2010 Jun 10;53(11):4412-21.