



Product Information

HIV protease inhibitor BMS-663068 tris, Purity ≥98%

Cat. No.: X24-07-ZQ006

Size: 5 mg; 10 mg; 50 mg

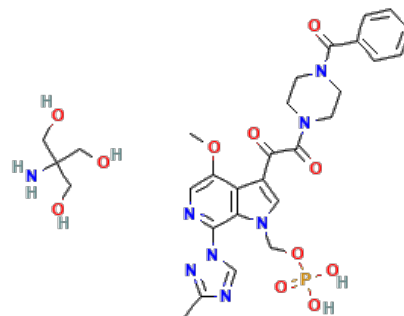
CAS Number: 864953-39-9

Compound CID: 46892186

Synonym: 864953-39-9; HIV protease inhibitor; BMS663068 (Tris); BMS 663068

(Tris)

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	BMS-663068 tris blocks the protease enzyme, essential for the maturation and replication of HIV, playing a key role in highly active antiretroviral therapy (HAART).
Molecular Weight	704.62
Molecular Formula	C ₂₉ H ₃₇ N ₈ O ₁₁ P
IUPAC Name	2-Amino-2-(hydroxymethyl)propane-1,3-diol;[3-[2-(4-benzoylpiperazin-1-yl)-2-oxoacetyl]-4-methoxy-7-(3-methyl-1,2,4-triazol-1-yl)pyrrolo[2,3-c]pyridin-1-yl]methyl dihydrogen phosphate
InChI	InChI=1S/C25H26N7O8P.C4H11NO3/c1-16-27-14-32(28-16)23-21-20(19(39-2)12-26-23)18(13-31(21)15-40-41(36,37)38)22(33)25(35)30-10-8-29(9-11-30)24(34)17-6-4-3-5-7-17;5-4(1-6,2-7)3-8/h3-7,12-14H,8-11,15H2,1-2H3,(H2,36,37,38);6-8H,1-3,5H2
InChI Key	RRGJSMBMTOKHTE-UHFFFAOYSA-N
Canonical SMILES	CC1=NN(C=N1)C2=NC=C(C3=C2N(C=C3C(=O)C(=O)N4CCN(CC4)C(=O)C5=CC=CC=C5)COP(=O)(O)O)OC.C(C(CO)(CO)N)O
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	BMS-663068 tris is examined for its enhanced stability and bioavailability compared to its parent compound in HIV treatment studies.
Storage	Store at -20°C, and keep desiccated.



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