CD BioGlyco
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Product Information

CDK inhibitor Abemaciclib metabolites M2, Purity ≥98%

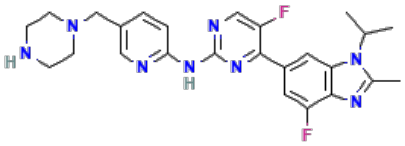
Cat. No.: X24-05-ZQ791

Size: 1 mg; 5 mg; 10 mg

CAS Number: 1231930-57-6

Compound CID: 59376686

Synonym: 1231930-57-6; Abemaciclib metabolites M2; Abemaciclib metabolite M2; 5-Fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1*H*-benzo[d]imidazol-6-yl)-*N*-[5-(1-piperazinylmethyl)-2-pyridyl]pyrimidin-2-amine; CDK inhibitor



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

Product Information

Description	Abemaciclib metabolites M2 is an CDK kinase inhibitor that disrupts cell division processes. It targets CDK4 and CDK6.
Molecular Weight	478.54
Molecular Formula	$C_{25}H_{28}F_2N_8$
Targets	CDK4: 1.2 nM; CDK6: 1.3 nM
IUPAC Name	5-Fluoro-4-(7-fluoro-2-methyl-3-propa n-2-ylbenzimidazol-5-yl)-*N*-[5-(piperazin-1-ylmethyl)pyridin-2-yl]pyrimidin-2-amine
InChI	InChI=1S/C25H28F2N8/c1-15(2)35-16(3)31-24-19(26)10-18(11-21(24)35)23-20(27)13-30-25(33-23)32-22-5-4-17(12-29-22)14-34-8-6-28-7-9-34/h4-5,10-13,15,28H,6-9,14H2,1-3H3,(H,29,30,32,33)
InChI Key	IXGZDCRFGCEEBU-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=C(N1C(C)C)C=C(C=C2F)C3=NC(=NC=C3F)NC4=NC=C(C=C4)CN5CCNCC5
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.
Applications	Abemaciclib metabolites M2 can be used to study the pharmacokinetics and dynamics of Abemaciclib metabolism and its effects.
Storage	Store at -20ºC.

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