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## Product Datasheet

### **Abemaciclib, CAS [[1231930-82-7]] FBM-10-4833**

Artikelname	Abemaciclib, CAS [[1231930-82-7]]
Artikelnummer	FBM-10-4833
Hersteller Artikelnummer	10-4833
Alternativnummer	FBM-10-4833-10MG,FBM-10-4833-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CDK 4/6 inhibitor...
Molekulargewicht	602.70
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1231930-82-7]
Formel	C <sub>27</sub> H <sub>32</sub> F <sub>2</sub> N <sub>8</sub> CH <sub>3</sub> SO <sub>3</sub> H

Anwendungsbeschreibung

Abemaciclib (1231930-82-7) is a potent and selective CDK4/6 inhibitor (IC50 = 2 nM and 10 nM respectively).<sup>1</sup> It caused G1 cell cycle arrest in colo-205 colorectal cells, MDA-MB-361 breast cancer cells, and MV4-11 AML cells. Abemaciclib was also active in several human tumor xenograft models. It displayed efficacy in patients with various solid tumors including breast cancer, non-small cell lung cancer, glioblastoma, melanoma, colorectal cancer, and hormone receptor-positive breast cancer.<sup>2</sup> Abemaciclib induced a T cell inflamed tumor microenvironment and enhanced the efficacy of PD-L1 checkpoint blockade in MCF-7 breast cancer cells.<sup>3</sup> FDA approved for the treatment of advanced breast cancers.