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Product Datasheet

AZD7762, CAS [[860352-01-8]]
FBM-10-4771

Artikelname	AZD7762, CAS [[860352-01-8]]
Artikelnummer	FBM-10-4771
Hersteller Artikelnummer	10-4771
Alternativnummer	FBM-10-4771-5MG,FBM-10-4771-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Checkpoint kinase 1/2 inhibitor...
Molekulargewicht	398.88
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow/brown solid
CAS Nummer	[860352-01-8]
Formel	C17H19FN4O2SHCl

Anwendungsbeschreibung	AZD7762 (860352-01-8, free base) is a potent and selective inhibitor of checkpoint kinases 1 and 2 (IC50 = 5 nM for both).1 It abrogates DNA damage-induced S and G2 checkpoints and enhances the efficacy of DNA damaging agents such as gemcitabine and irinotecan. AZD7762 also enhanced the radiation sensitivity of p53-mutant tumor cell lines.2,3 AZD7762 was able to overcome imatinib resistance in CML cells.4 AZD7762 has also been reported to be a potent inhibitor of MEKK2 (MAP3K2) - IC50 = 20 nM.5 It has also recently been shown to inhibit antigen-stimulated degranulation from RBL-2H3 (IC50 = 28 nM) and BMMCs (IC50 = 99 nM) as well as suppressing degranulation of LAD2 human mast cells (IC50 = 50 nM) via Syk suppression through inactivation of Lyn and Fyn kinases.6 Enhances CRISPR-Cpf1-mediated precise genome editing.7