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Product Datasheet

PF-670462 dihydrochloride, CAS [[950912-80-8]]

FBM-10-4692

Artikelname	PF-670462 dihydrochloride, CAS [[950912-80-8]]
Artikelnummer	FBM-10-4692
Hersteller Artikelnummer	10-4692
Alternativnummer	FBM-10-4692-5MG,FBM-10-4692-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Casein kinase 1delta/epsilon inhibitor...
Molekulargewicht	337.40
Reinheit	>98% by HPLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[950912-80-8]
Formel	C19H22Cl2FN5
Anwendungsbeschreibung	Potent inhibitor of casein kinase 1epsilon/delta (CK1epsilon, IC50 = 7.7 nM, CK1delta, IC50 = 14 nM).¹ It is a circadian clock modifier that caused robust phase delays in rats¹ and Cynomolgus monkeys². PF-670462 caused nuclear retention of the clock protein PER resulting in period lengthening in a phase-specific manner that was dependent on CK1delta inhibition and not CK1epsilon.³ It improved cognitive performance and reduced amyloid load in various mouse models of Alzheimers disease.⁴⁻⁶ PF-670462 slowed the progression of and increased survival of chronic lymphocytic leukemia in mice alone and in combination with Ibrutinib.⁷