

Aloisine A RP107

Art. ID TRC-A575450-5MG
Unit 5 mg
Deliverydetails No Dangerous Good

Description

Category: Aromatics, Heterocycles, Inhibitors, Protein Kinase Inhibitors and Activators /// Appearance: Light Orangish Yellow solid /// Application Notes: A cell-permeable pyrrolo-pyrazine compound that acts as a potent, selective, reversible, and ATP-competitive inhibitor of cyclin dependent kinases (Cdks: IC₅₀ =150nM, 120 nM, 400 nM and 200 nM for Cdk1/cyclin B, Cdk2/cyclin A, Cdk2/cyclin E, and Cdk5/p25, respectively). Also inhibits the activity of glycogen synthase kinase-3 (GSK-3; IC₅₀ =500 nM and 1.5 uM for GSK-3a, GSK-3β, respectively), and c-Jun N-terminal kinase (JNK: IC₅₀ approx. 3-10uM). /// References: Matthey, Y., et al.: J. Med. Chem., 46, 222 (2003), Noel, S., et al.: J. Pharmacol. Exp. Ther., 319, 349 (2006), Mitsuhashi, M., et al.: Pharm. Res., 25, 1116 (2008)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aloisine A RP107	[496864-16-5]				