



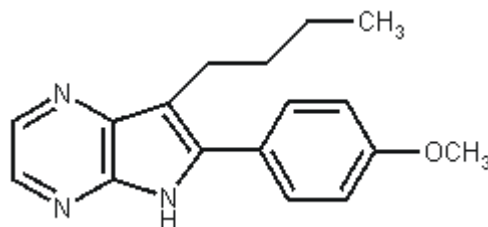
Aloisine (RP106)

1. Description

Aloisine is a potent, selective, cell-permeable and ATP-competitive inhibitor of Cdk1/B, Cdk5/p35 and GSK3 with IC50 values of 700nM, 1.5uM and 920nM, respectively.

2. Product Information

Aloisine, RP106 :	order-no. PKI-R106
Chemical name.:	7-n-Butyl-6-(4-methoxyphenyl)[5H]pyrrolo[2,3-b]pyrazine
Formula:	C ₁₇ H ₁₉ N ₃ O
Molecular Weight:	281.4 g/mol
Long Term Storage:	-20°C
Purity:	>98%
Appearance:	off-white powder
Solubility:	Soluble in DMSO and methanol
Chemical Structure:	



3. Product specific literature references:

- Mettey Y, Gompel M, Thomas V, Garnier M, Leost M, Ceballos-Picot I, Noble M, Endicott J, Vierfond JM, Meijer L. (2003) "Aloisines, a new family of CDK/GSK-3 inhibitors. SAR study, crystal structure in complex with CDK2, enzyme selectivity, and cellular effects." *J Med Chem.* 46(2):222-36.