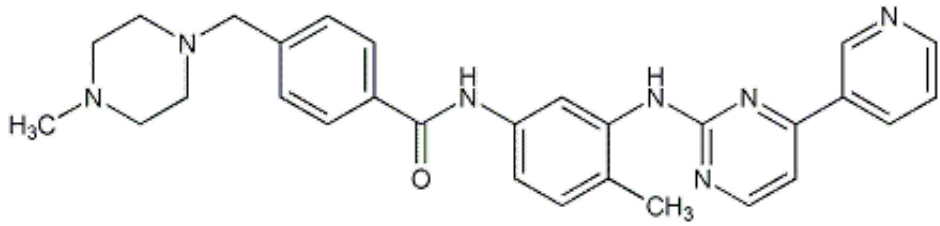


## Records found: 1

Compound: Imatinib							
							
CAS:		152459-95-5					
Category:		Antineoplastic Agents					
Subcategory:							
Formula:		C29 H31 N7 O					
Molecular Weight:		493.6					
SMILES:		CN1CCN(CC2=CC=C(C=C2)C(=O)NC2=CC(=C(C=C2)N2=CC=CC=N2)C3=CC=CC=C3)C(C)C=C2)CC1>					
pKa:		1.52, 2.56, 3.73, 8.07					
Low est Solubility (mg/ml):		0.049					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	4.38	HIGH Permeability					
logP:	3.0	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	100.0	100.0	8.163265	8.163265	LOW	Class II	Class II
JP	100.0	100.0	13.605443	13.605443	LOW	Class II	Class II
SP	100.0	100.0	8.163265	8.163265	LOW	Class II	Class II
US	100.0	400.0	8.163265	32.65306	LOW	Class II	Class II
UK	100.0	400.0	8.163265	32.65306	LOW	Class II	Class II

\*\* A volume of 250 mL is used for the drugs on the US, UK, SP, KOR, and WHO lists, and a volume of 150 mL is used for drugs on the JP list.