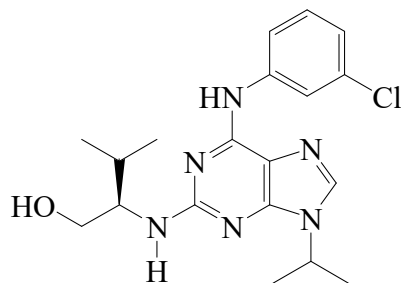




>>Entry Name: Purvalanol A

Synonym(s): 2-[[6-[(3-Chlorophenyl)amino]-9-(1-methylethyl)-9H-purin-2-yl]amino]-3-methyl-1-butanol, 9Cl



CAS Registry Number: 220792-00-7

Related CAS Registry Numbers(s): 229966-55-6

Molecular Formula: C₁₉H₂₅ClN₆O

Molecular Weight: 388.899

Accurate Mass: 388.177836

Percentage Composition: C 58.68%; H 6.48%; Cl 9.12%; N 21.61%; O 4.11%

Biological Use/Importance: Protein kinase inhibitor

Other Data: Related to Purvalanol B [JWY17-Q](#)

>>Variant: (R)-form

Synonym(s): NG 60

CAS Registry Number: 212844-53-6

Molecular Formula: C₁₉H₂₅ClN₆O

Molecular Weight: 388.899

Accurate Mass: 388.177836

Percentage Composition: C 58.68%; H 6.48%; Cl 9.12%; N 21.61%; O 4.11%

Physical Description: No phys. props. reported

References:

Gray, N.S. *et al.*, *Science (Washington, D.C.)*, 1998, **281**, 533-538, (*pharmacol*)

Pat. Coop. Treaty (WIPO), 1999, *Univ. California*, 99 07 705; *CA*, **130**, 196532v, (*synth*)