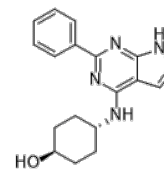


Product Name : SLV320
Cat. No. : PC-23389
CAS No. : 251945-92-3
Molecular Formula : C₁₈H₂₀N₄O
Molecular Weight : 308.39
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

Derenofylline (SLV320) is a potent, selective and orally active adenosine A1 receptor antagonist with K_i values of 1 nM, 200 nM and 398 nM for human A1, A3 and A2A receptors respectively.

SLV320 displays 200-4000 fold selectivity versus other adenosine receptor subtypes.

SLV320 suppresses cardiac fibrosis and attenuates albuminuria without affecting blood pressure in rats with 5/6 nephrectomy.

References

Kalk P, et al. Br J Pharmacol. 2007 Aug;151(7):1025-32.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com