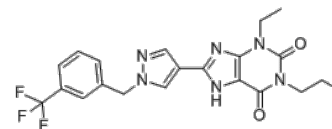


Product Name : GS6201
Cat. No. : PC-20101
CAS No. : 752222-83-6
Molecular Formula : C₂₁H₂₁F₃N₆O₂
Molecular Weight : 446.43
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

GS-6201 (CVT-6883, GS6201) is a specific and selective **A2B adenosine receptor** antagonist with K_i of 22 nM, >50-fold selectivity over A₃, A₁ and A_{2A} receptors.

GS-6201 (0.4, 1.0, or 2.5 mg/kg i.p.) significantly attenuated aerosolized NECA elicited concentration-dependent increases in Penh.

GS-6201 (1 mg/kg i.p.) attenuated allergen challenge induced late allergic response in sensitized mice.

GS-6201 (4 mg/kg, i.p.) attenuated cardiac remodeling after acute myocardial infarction in the mouse.

References

Toldo S, et al. *J Pharmacol Exp Ther.* 2012 Dec;343(3):587-95.

Mustafa SJ, et al. *J Pharmacol Exp Ther.* 2007 Mar;320(3):1246-51.

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

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