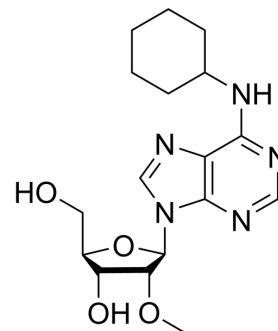


SDZ-WAG994

Cat. No.:	HY-103179
CAS No.:	130714-47-5
Molecular Formula:	C ₁₇ H ₂₅ N ₅ O ₄
Molecular Weight:	363.41
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SDZ-WAG994 (WAG-994) is a stable, long-acting, selective and orally active A1-adenosine receptor agonist with a K _D of 23 nM. SDZ-WAG994 can be used for the research of atrial fibrillation ^[1] .
IC ₅₀ & Target	KD: 23 nM (A1-adenosine receptor) ^[1]

REFERENCES

- [1]. O Piot, et al. Effects of a selective A1-adenosine receptor agonist on heart rate and heart rate variability during permanent atrial fibrillation. Pacing Clin Electrophysiol. 1998 Nov;21(11 Pt 2):2459-64.
- [2]. Wagner H, et al. General pharmacology of SDZ WAG 994, a potent selective and orally active adenosine A1 receptor agonist. Drug development research, 1995, 34(3): 276-288.
- [3]. Piot O, et al. Effects of a selective A1-adenosine receptor agonist on heart rate and heart rate variability during permanent atrial fibrillation. Pacing Clin Electrophysiol. 1998 Nov;21(11 Pt 2):2459-64.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA