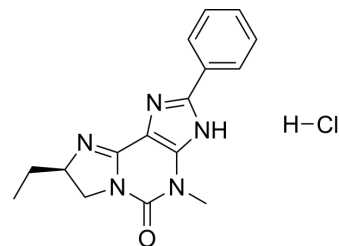


PSB11 hydrochloride

Cat. No.:	HY-103176
CAS No.:	453591-58-7
Molecular Formula:	C ₁₆ H ₁₈ ClN ₅ O
Molecular Weight:	331.8
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PSB11 hydrochloride is an antagonist with reverse excitatory activity for human A3 Adenosine Receptor with high affinity ($K_i = 2.3$ nM) ^[1] .
IC ₅₀ & Target	human A3 2.3 nM (K _i)

REFERENCES

[1]. Müller C E, et al. [3H] 8-Ethyl-4-methyl-2-phenyl-(8R)-4, 5, 7, 8-tetrahydro-1H-imidazo [2, 1-i]-purin-5-one ([3H] PSB-11), a novel high-affinity antagonist radioligand for human A3 adenosine receptors[J]. Bioorganic & medicinal chemistry letters, 2002, 12(3): 501-503.

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

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