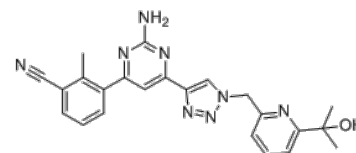


Product Name : AB928
Cat. No. : PC-35841
CAS No. : 2239273-34-6
Molecular Formula : C₂₃H₂₂N₈O
Molecular Weight : 426.484
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



1, Seitz L, et al. *Invest New Drugs*. 2019 Aug;37(4):711-721.

Biological Activity

Etrumadenant (AB928) is a potent, dual antagonist of the A_{2a}R and A_{2b}R **adenosine receptors** with K_b of 1.5 and 2.0 nM, respectively.

AB928 displays high selectivity towards related receptors (A₁R, A₃R, CD73, CD39, NTPDase 2/3).

AB928 is a potent inhibitor of NECA-mediated A_{2a}R activation on cell lines, potently reverses adenosine-mediated CD8⁺ T cell suppression, potently inhibits cAMP-mediated pCREB activation in human leukocyte populations in whole blood.

AB928 inhibits tumor micro-environment adenosine generation and signaling for the treatment of cancer.

References

