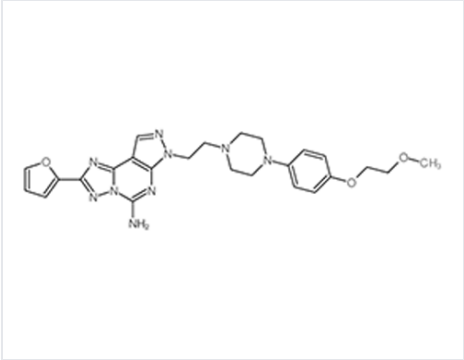
Preladenant Inhibitor

PRODUCT OVERVIEW

Product Name	Preladenant, Inhibitor
Full Product Name	Preladenant
Product Synonym Names	Adenosine Receptor
Form/Format	POWDER
Purity/Purification	97.3%
Preparation and Storage	Powder: 3 years -20 degree C In Solvent: 2 years -80 degree C
Molecular Weight	503.57
CAS Number	377727-87-2
Formula	C25H29N9O3
Smiles	COCCOC1=CC=C(C=C1)N2CCN(CC2)CCN3C4=C(C=N3)C5=NC(=NN5C(=N4)N)C6=CC=CO6
Solubility	DMSO: Soluble
Pathways	GPCR; G Protein
Receptor	A2A
Product Remark	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Product Categories/Family for Preladenant, inhibitor	Cancer
Related Product Information for Preladenant, inhibitor	Preladenant is an orally bioavailable antagonist of the adenosine A2A receptor (Ki: 1.1 nM) and has >1000-fold selectivity over all other adenosine receptors.
Product References and Citations for Preladenant, inhibitor	1. Hodgson RA, et al. Characterization of the potent and highly selective A2A receptor antagonists preladenant and SCH 412348 [7-[2-[4-2,4-difluorophenyl]-1-piperazinyl]ethyl]-2-(2-furanyl)-7H-pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine] in rodent models of movement disorders and depression. J Pharmacol Exp Ther. 2009 Jul; 330(1):294-303.
Other Notes	Small volumes of Preladenant, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Preladenant purchase	MBS5750435 is an inhibitor targeting Preladenant.



Chemical Structure of Preladenant, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/preladenant/5750435