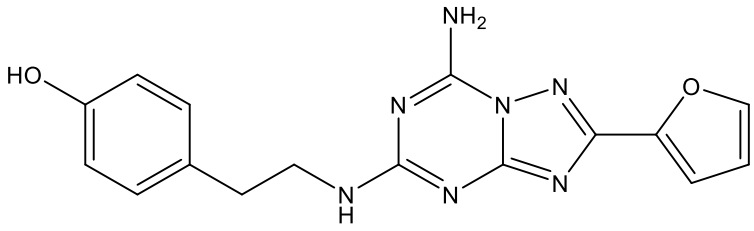
Catalog # 10-4911

ZM 241385

CAS# 139180-30-6

4-[2-[[7-Amino-2-(furan-2-yl)-[1,2,4]triazolo[1,5-a][1,3,5]triazin-5-yl]amino]ethyl]phenol

Lot # FBS5048



ZM 241385 is a potent (IC_{50} = 33 nM)[1] and selective adenosine A2a receptor antagonist.[2,3]

1) Jorg *et al*. (2015), *Synthesis and pharmacological evaluation of dual acting ligands targeting the adenosine A2a and dopamine D2 receptors for the potential treatment of Parkinson's disease*; J. Med. Chem., **58** 718
2) Poucher *et al*. (1995), *The in vitro pharmacology of ZM 241385, a potent, non-xanthine A2A selective adenosine receptor antagonist*; Br. J. Pharmacol., **115** 1096
3) Keddie *et al*. (1996), *In vivo characterisation of ZM 241385, a selective adenosine A2A receptor antagonist*; Eur. J. Pharmacol., **301** 107

PHYSICAL DATA

Molecular Weight:	337.34
Molecular Formula:	$C_{16}H_{15}N_7O_2$
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/ml)
Physical Description:	Off-white to beige solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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