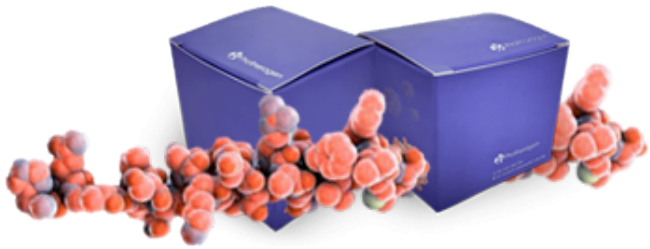
Protheragen Obesity



ZM 323881 HCl

Cat. No.:	OB0225WX-2536
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and HPLC.
Size:	10 mg; 50 mg; 100 mg; 200 mg; 1 g

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	ZM 323881 is a potent VEGFR2 antagonist with an IC50 of less than 2 nM, showing nearly no inhibitory effect on VEGFR1, PDGFR-beta, or EGFR.
Synonym	193000-39-4; ZM 323881 hydrochloride; ZM323881 hydrochloride; ZM323881 (hydrochl oride); ZM-323881 hydrochloride; 4-fluoro-2-methyl-5-[(7-phenylmethoxyquinazolin -4-yl)amino]phenol;hydrochloride; 5-{[7-(benzyloxy)quinazolin-4-yl]amino}-4-fluo ro-2-methylphenol hydrochloride; 5-((7-(benzyloxy)quinazolin-4-yl)amino)-4-fluor o-2-methylphenol hydrochloride; ZM323881 HCl; 5-[(7-Benzyloxyquinazolin-4-yl)ami no]-4-fluoro-2-methylphenol hydrochloride; MFCD08703130; ZM 323881 monohydrochlo ride; ZM-323881 monohydrochloride; 7-benzyloxy-4-(2-fluoro-5-hydroxy-4-methylani lino)quinazoline hydrochloride; 4-Fluoro-2-methyl-5-[[7-(phenylmethoxy)-4-quinaz olinyl]amino]phenol Hydrochloride; 5-((7-Benzyloxyquinazolin-4-yl)amino)-4-fluo ro-2-methylphenol hydrochloride; 5-{[7-(Benzyloxy)-4-quinazolinyl]amino}-4-fluor o-2-methylphenol hydrochloride (1:1); 7-(benzyloxy)-*N*-(2-fluoro-5-hydroxy -4-methylphenyl)quinazolin-4-aminium chloride
CAS No.	193000-39-4
Compound CID	22624897
Formula	$C_{22}H_{18}FN_3O_2 \cdot HCl$
Formula Weight	411.86

Specification

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
Phone: 1-631-506-1393
info@obesityscientific.com

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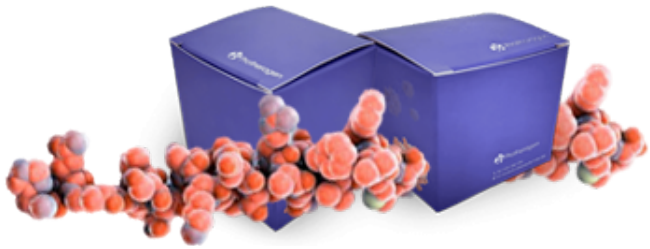

IUPAC Name	4-Fluoro-2-methyl-5-[(7-phenylmethoxyquinazolin-4-yl)amino]phenol;hydrochloride
InChI	InChI=1S/C22H18FN3O2.ClH/c1-14-9-18(23)20(11-21(14)27)26-22-17-8-7-16(10-19(17)24-13-25-22)28-12-15-5-3-2-4-6-15;/h2-11,13,27H,12H2,1H3,(H,24,25,26);1H
InChI Key	AVRHWGLIYGJSOD-UHFFFAOYSA-N
SMILES string	CC1=CC(=C(C=C1O)NC2=NC=NC3=C2C=CC(=C3)OCC4=CC=CC=C4)F.Cl
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	ZM 323881 HCl is applied in vascular biology as a potent and selective VEGFR2 in hibitor to investigate the molecular mechanisms of endothelial cell signaling an d the inhibition of angiogenesis.

Library Information

Target	VEGFR
Receptor	VEGFR2
Pathways	Protein tyrosine kinase
Plate Number	L6700-05
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	10 mg/mL; 24.28 mM
ALogP	5.876
HBA_Count	3
HBD_Count	2
Rotatable Bond	5

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