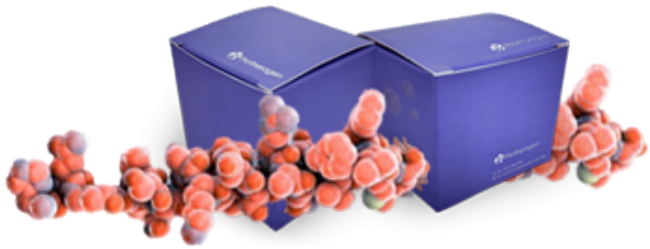
Protheragen
Obesity



AZD2932

Cat. No.:	OB0225WX-2661
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and HPLC.
Size:	5 mg; 25 mg; 100 mg

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

Product Overview

Description	AZD2932 acts as a high-potency, multi-targeted tyrosine kinase inhibitor, exhibi ting IC50 values of 8 nM, 4 nM, 7 nM, and 9 nM against VEGFR-2, PDGFR-beta, Flt- 3, and c-Kit, respectively.
Synonym	883986-34-3; 2-(4-((6,7-dimethoxyquinazolin-4-yl)oxy)phenyl)-*N*-(1-isoprop yl-1H-pyrazol-4-yl)acetamide; AZD-2932; AZD 2932; 2-[4-(6,7-dimethoxyquinazolin- 4-yl)oxyphenyl]-*N*-(1-propan-2-ylpyrazol-4-yl)acetamide; 4-((6,7-Dimethoxy -4-quinazolinyl)oxy)-*N*-(1-(1-methylethyl)-1H-pyrazol-4-yl)benzeneacetamid e; Benzeneacetamide, 4-((6,7-dimethoxy-4-quinazolinyl)oxy)-*N*-(1-(1-methyl ethyl)-1H-pyrazol-4-yl)-; Benzeneacetamide, 4-[(6,7-dimethoxy-4-quinazolinyl)oxy]-*N*-[1-(1-methylethyl)-1H-pyrazol-4-yl]-; MFCD25977021
CAS No.	883986-34-3
Compound CID	11517980
Formula	$C_{24}H_{25}N_5O_4$
Formula Weight	447.49

Specification

IUPAC Name	2-[4-(6,7-Dimethoxyquinazolin-4-yl)oxyphenyl]-*N*-(1-propan-2-ylpyrazol-4-y l)acetamide
InChI	InChI=1S/C24H25N5O4/c1-15(2)29-13-17(12-27-29)28-23(30)9-16-5-7-18(8-6-16)33-24-19-10-21(31-3)22(32-4)11-20(19)25-14-26-24/h5-8,10-15H,9H2,1-4H3,(H,28,30)

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

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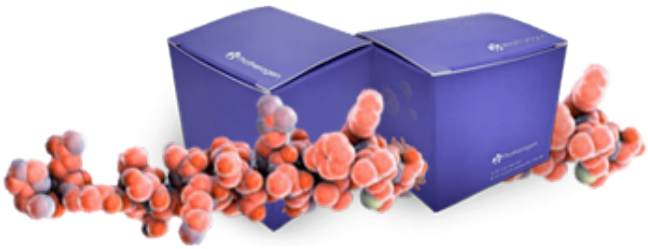

InChI Key	TWYCZJMOEMMCGC-UHFFFAOYSA-N
SMILES string	CC(C)N1C=C(C=N1)NC(=O)CC2=CC=C(C=C2)OC3=NC=NC4=CC(=C(C=C43)OC)OC
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	AZD2932 is employed in pharmacological studies as a potent multi-targeted tyrosi ne kinase inhibitor of VEGFR, PDGFR, Flt3, and Kit to investigate the suppressio n of angiogenesis and hematological malignancies.

Library Information

Target	c-Kit; FLT3; PDGFR; VEGFR
Receptor	c-Kit; FLT3; PDGFR; VEGFR
Pathways	Protein tyrosine kinase
Plate Number	L6700-07
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	89 mg/mL; 198.89 mM
Ethanol Max Solubility	5 mg/mL
ALogP	3.65
HBA_Count	7
HBD_Count	1
Rotatable Bond	8

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