Linifanib

Inhibitor effective against all VEGF and PDGF receptors

Linifanib is an orally active multi-targeted receptor tyrosine kinase inhibitor for the treatment of various cancers. The compound is designed to inhibit vascular endothelial growth factor and platelet-derived growth factor receptors and is a multitargeted tyrosine kinase receptor inhibitor that suppresses FLT3 signaling. It is in phase III development for liver cancer and phase II development for non-small cell lung cancer, breast cancer, and colorectal cancer in the US, the EU and other areas of the world. Recent research also indicates that Linifanib inhibits proliferation and induces apoptosis in Aml) patient cells via reduction of AKT and GSK3β phosphorylation and maybe influential in Aml therapy.

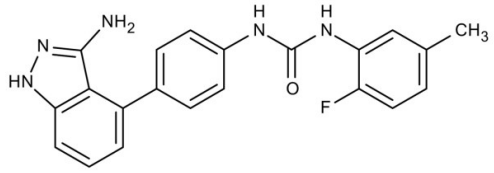
Ordering Information

Order Online »

ENZ-CHM168-0005	5mg

Manuals, SDS & CofA

View Online »


NH2
N
HN
H
N
O
H
N
F
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	A-741439, ABT-869, RG3635, N-□[4-□(3-□amino-□1H-□indazol-□4-□yl)phenyl]-□N'-□(2-□fluoro-□5-□methylphenyl)-□urea
Appearance	Brown powder.
CAS	796967-16-3
Couple Target	PDGF receptor, VEGFR
Couple Type	Inhibitor
Formula	$C_{21}H_{18}FN_5O$
Identity	Determined by EM-MS, NMR
MW	375.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (75mg/ml) or ethanol (5mg/ml).

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