

Varisacumab

Chemical Properties

CAS No. : 1610010-60-0

Formula:

Molecular Weight:

Storage: Store at low temperature
Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Varisacumab (R 84) is a sophisticated human recombinant monoclonal antibody target Vascular Endothelial Growth Factor A (VEGFA), thereby effectively neutralizing its interaction with both VEGFR1 and VEGFR2 receptors. Varisacumab (R 84) has demonstrated anti-angiogenic properties in preclinical models and is extensively utilized for research involving malignancy and microvascular complications of diabetes.
Targets(IC50)	VEGFR
In vitro	In binding assays with human VEGF165, Varisacumab (r84) exhibited high affinity with an EC50 of 0.288 nM and inhibited VEGF-induced tube formation in HUVEC models [1].
In vivo	In human breast cancer xenograft models, systemic administration of Varisacumab (r84) significantly reduced tumor volume and microvascular density [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481