

Product Name : Lucitanib

Synonyms : E-3810

Cat No. : M23262

CAS Number : 1058137-23-7

Molecular Formula : C₂₆H₂₅N₃O₄

Formula Weight : 443.5

Chemical Name : —

Description : Lucitanib is a novel VEGFR and FGFR inhibitor. It potently and selectively inhibits VEGFR1, VEGFR2, VEGFR3, FGFR1 and FGFR2 (IC₅₀s: 7 nM, 25 nM, 10 nM, 17.5 nM, and 82.5 nM, respectively).

Pathway : Angiogenesis

Target : FGFR

Receptor : FGFR1;FGFR2;VEGFR1;VEGFR2;VEGFR3

Solubility : DMSO: 25 mg/mL (56.37 mM)

SMILES : O=C(NC)C1=CC=CC(OC3=CC=NC4=CC(OCC5(N)CC5)=C(OC)C=C34)=CC2=CC=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Bello E, et al. E-3810 is a potent dual inhibitor of VEGFR and FGFR that exerts antitumor activity in multiple preclinical models. Cancer Res. 2011 Feb 15;71(4):1396-405.

