

TG-100572 HCl, Multi-kinase inhibitor

Catalog	Unit
TBI3778-1MG	1 mg
TBI3778-5MG	5 mg

Product Details

Formal Name: 4-Chloro-3-(5-methyl-3-((4-(2-(pyrrolidin-1-yl)ethoxy)phenyl)amino)benzo[e][1,2,4]triazin-7-yl)phenol, hydrochloride

Molecular Formula: C₂₆H₂₆ClN₅O₂ · HCl

Formula Weight: 512.4

CAS Number: 867331-64-4

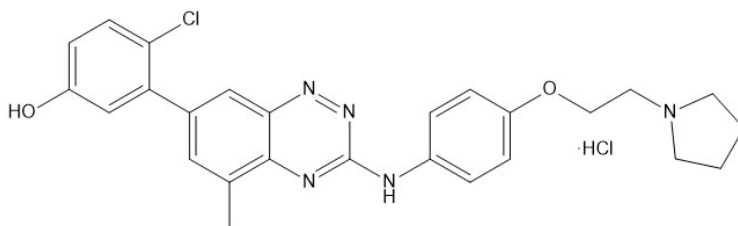
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (20 mg/ml)

Storage: -20°C

Stability: ≥ 2 years



Applications

Multi-kinase inhibitor

Functions

Multi-targeted kinase inhibitor that inhibits selected receptor kinases and Src kinases. IC₅₀s = 2, 7, 2, 16, 13 VEGFR1, VEGFR2, FGFR1, FGFR2 PDGFRβ and 5, 0.5, 6, 0.1, 0.4, 1, 0.2 nM for Fgr, Fyn, Hck, Lck, Lyn, Src and Yes respectively. It suppresses choroidal neovascularization and retinal edema. Blocks angiogenesis caused by HSV infection in the mouse eye. A prodrug strategy has been employed for topically applied AMD treatment.

Application Procedures

First dissolved in DMSO (20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.