

Catalog	Unit
TBI1078-10MG	10 mg
TBI1078-50MG	50 mg

Product Details

Formal Name: N-[2-(Diethylamino)ethyl]-5-[(Z)-(5-fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)methyl]-2,4-dimethyl-1H-pyrrole-3-carboxamide malate

Alternate Names: SU-11248

Molecular Formula: C₂₂H₂₇FN₄O₄ · C₄H₆O₅

Formula Weight: 532.57

CAS Number: 341031-54-7

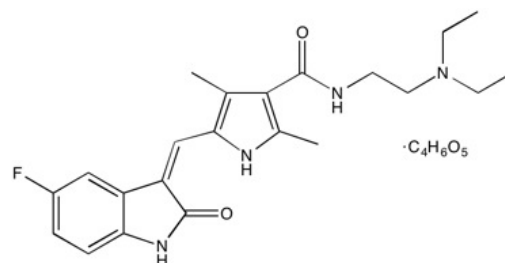
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 13 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

VEGFR, PDGFR kinase inhibitor

Functions

A potent inhibitor of multiple receptor tyrosine kinases including VEGFR, PDGFR β and Kit (K_i = 2-17 nM). Also inhibits cFMS (IC₅₀=7 nM) and FLT3. Potent inhibitor of angiogenesis. Clinically useful anticancer agent. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 13 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.