

Catalog	Unit
TBI4505-5MG	5 mg
TBI4505-25MG	25 mg

### Product Details

**Formal Name:** 1-t-Butyl-3-(6-(3,5-dimethoxyphenyl)-2-(4-diethylaminobutylamino)-pyrido[2,3-d]pyrimidin-7-yl)urea

**Molecular Formula:** C<sub>28</sub>H<sub>41</sub>N<sub>7</sub>O<sub>3</sub>

**Formula Weight:** 523.67

**CAS Number:** 219580-11-7

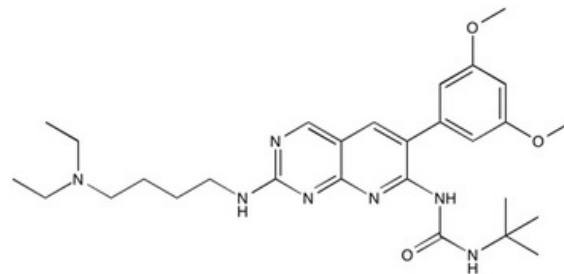
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO.

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

FGFR inhibitor

### Functions

Inhibitor of FGFR tyrosine kinase, and to a lesser extent VEGFR (IC<sub>50</sub> values are 5 nM, 22.5 nM and 100 nM for FGFR1, FGFR3 and VEGFR respectively). Inhibition of FGFR promotes stem cell self renewal.

### Application Procedures

First dissolved in DMSO, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

**For research use only.**