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Catalog	Unit
TBI5124-5MG	5 mg
TBI5124-25MG	25 mg

### Product Details

**Formal Name:** N-(2,4-dimethoxyphenyl)-N-[2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-4-pyrimidinyl]-carbamic acid, 2,6-dimethylphenyl ester

**Molecular Formula:** C<sub>32</sub>H<sub>36</sub>N<sub>6</sub>O<sub>4</sub>

**Formula Weight:** 568.70

**CAS Number:** 837422-57-8

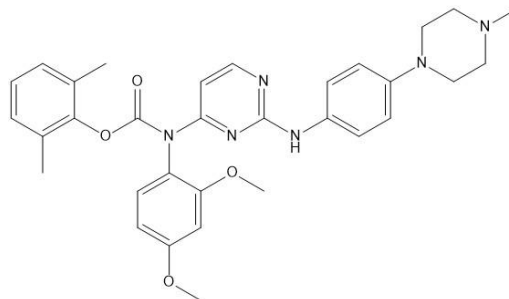
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (60 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Src family inhibitor

### Functions

Potent and selective inhibitor of Src family kinases Lck and Src, IC<sub>50</sub>=2 and 6 nM respectively. Also inhibits SIK, IC<sub>50</sub>=10, 22 and 60 nM for SIK 1, 2 and 3 respectively. May be used along with PD-325901 and CHIR-99021 to support self-renewal of naïve human embryonic stem cells.

### Application Procedures

First dissolved in DMSO (60 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**