

Catalog	Unit
TBI4959-5MG	5 mg
TBI4959-25MG	25 mg

### Product Details

**Formal Name:** (6S)-1-[[4-(Dimethylamino)-3-methylphenylmethyl]-5-(2,2diphenylacetyl)-6,7-dihydro-4H-imidazo[4,5-c]pyridine-6-carboxylic acid ditrifluoroacetate

**Molecular Formula:** C<sub>31</sub>H<sub>32</sub>N<sub>4</sub>O<sub>3</sub>·2CF<sub>3</sub>CO<sub>2</sub>H

**Formula Weight:** 736.70

**CAS Number:** 136676-91-0

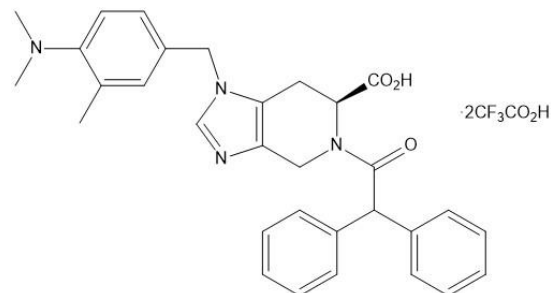
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml) or Water (up to 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Angiotensin II type II antagonist

### Functions

Potent (IC<sub>50</sub> = 34 nM) and selective non-peptide angiotensin II type 2 (AT<sub>2</sub>) antagonist. Ameliorated symptoms of 2,4-dinitrobenzenesulfonic-induced colitis in rats via inhibition of NF-κB activation. PD123319 displayed protective effects in ischemia-reperfusion injury and oxidative damage in rat hearts.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or Water (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or water may be stored at -20°C for up to 1 month.

**For research use only.**