

## P7C3-A20, NAMPT activator; Proneurogenic agent

Catalog	Unit
TBI3414-5MG	5 mg
TBI3414-25MG	25 mg

### Product Details

**Formal Name:** 3,6-dibromo- $\beta$ -fluoro-N-(3-methoxyphenyl)-9H-carbazole-9-propanamine

**Molecular Formula:** C<sub>22</sub>H<sub>19</sub>Br<sub>2</sub>FN<sub>2</sub>O

**Formula Weight:** 506.20

**CAS Number:** 1235481-90-9

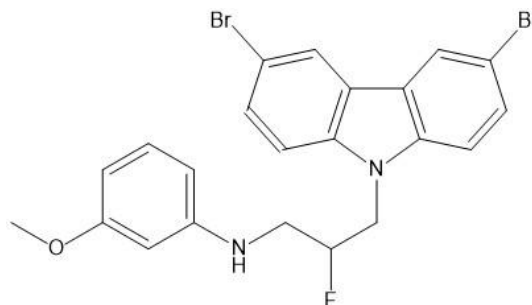
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 40 mg/ml)

**Storage:** -20°C

**Stability:**  $\geq$  2 years.



### Applications

NAMPT activator; Proneurogenic agent

### Functions

A neuroprotective and proneurogenic agent acting via NAMPT stimulation. Displays neuroprotection and promotes endogenous reparative functions after traumatic brain injury (TBI). Furthermore it repairs the blood-brain barrier, arrests chronic neurodegeneration and restores cognition one year after TBI in a mouse model. P7C3-A20 exerts neuroprotective effects in a hypoxic-ischemic encephalopathy model. Suppresses neuroinflammation and protects retinal ganglion cells from optic nerve crush in a rat model.

### Application Procedures

First dissolved in DMSO (up to 40 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.**