

## pyCTZ TFA

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Catalog	Unit
TBP0122-5MG	5 mg
TBP0122-10MG	10 mg

**Description**

pyCTZ TFA is a chemically modified derivative of coelenterazine, distinguished by the incorporation of a pyridyl group. This modification renders pyCTZ TFA an ATP-independent substrate, making it particularly suitable for use with LumiLuc luciferase. Upon interaction with these luciferases, pyCTZ TFA emits a strong blue bioluminescent signal. When paired with aequorin, a calcium-sensitive photoprotein, it serves as an effective tool for aequorin-based calcium sensing applications.

**Product Details**

**Alternative names:** Pyridyl CTZ TFA

**Molecular Formula:** C<sub>27</sub>H<sub>21</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>

**Formula Weight:** 506.48

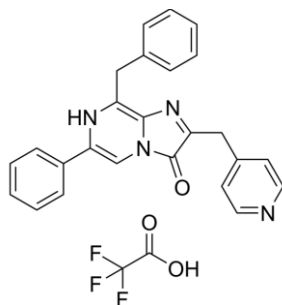
**Purity:** ≥98%

**Formulation:** powder

**Storage:** -20°C

**Stability:** >2 years

**Solubility:** DMSO



For research use only