

## ITI214, PDE1 inhibitor

Catalog	Unit
TBI2985-5MG	5 mg
TBI2985-10MG	10 mg
TBI2985-50MG	50 mg

### Product Details

**Formal Name:** (6aR,9aS)-2-[[4-(6-fluoro-2-pyridinyl)phenyl]methyl]-5,6a,7,8,9,9a-hexahydro-5-methyl-3-(phenylamino)-cyclopent[4,5]imidazo[1,2-a]pyrazolo[4,3-e]pyrimidin-4(2H)-one, monophosphate

**Molecular Formula:** C<sub>29</sub>H<sub>26</sub>FN<sub>7</sub>O • H<sub>3</sub>PO<sub>4</sub>

**Formula Weight:** 605.6

**CAS Number:** 1642303-38-5

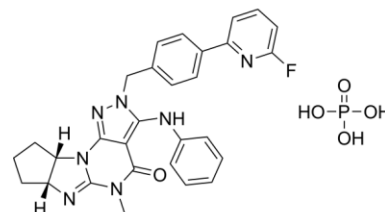
**Purity:** ≥98%

**Formulation:** Powder

**Solubility:** DMSO

**Storage:** -20°C

**Stability:** ≥ 4 years.



### Applications

PDE1 inhibitor

### Functions

ITI-214 is a potent and selective inhibitor of phosphodiesterase 1 (PDE1), an enzyme that regulates intracellular levels of cyclic nucleotides such as cAMP and cGMP.

### Application Procedures

First dissolved in DMSO (30 mg/mL), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to one month.

**For research use only.**