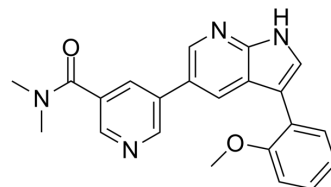


PPY-A

Cat. No.:	HY-12083
CAS No.:	875634-01-8
Molecular Formula:	C ₂₂ H ₂₀ N ₄ O ₂
Molecular Weight:	372.42
Target:	Bcr-Abl
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PPY-A is a potent T315I mutant and wild-type Abl kinases inhibitor with IC₅₀s of 9 and 20 nM, respectively. PPY-A inhibits Ba/F3 cells transformed with wild-type Abl and Abl T315I mutant with IC₅₀s of 390 and 180 nM, respectively. PPY-A can be used for the research of chronic myeloid leukemia (CML)^[1].

REFERENCES

[1]. Tianjun Zhou, et al. Crystal structure of the T315I mutant of Abl kinase. Chem Biol Drug Des. 2007 Sep;70(3):171-81.

Caution: Product has not been fully validated for medical applications. For research use only.

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