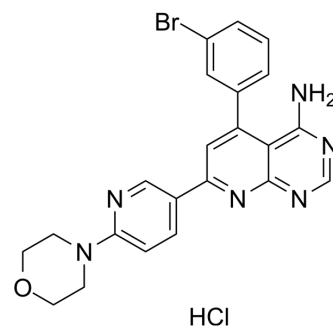


ABT-702 hydrochloride

| | |
|--------------------|---|
| Cat. No.: | HY-112482A |
| CAS No.: | 2624336-92-9 |
| Molecular Formula: | C ₂₂ H ₂₀ BrClN ₆ O |
| Molecular Weight: | 499.79 |
| Target: | Adenosine Kinase |
| Pathway: | Metabolic Enzyme/Protease; Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

ABT-702 hydrochloride is a potent inhibitor of adenosine kinase with an IC₅₀ of 1.7 nM^{[1][2]}.

REFERENCES

- [1]. Jarvis MF, et al. ABT-702 (4-amino-5-(3-bromophenyl)-7-(6-morpholinopyridin-3-yl)pyrido[2,3-d]pyrimidine), a novel orally effective adenosine kinase inhibitor with analgesic and anti-inflammatory properties: I. In vitro characterization and acute antinociceptive effects in the mouse. *J Pharmacol Exp Ther*. 2000 Dec;295(3):1156-64.
- [2]. Parkinson FE, et al. The Effect of Endogenous Adenosine on Neuronal Activity in Rats: An FDG PET Study. *J Neuroimaging*. 2016 Jul;26(4):403-5.

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

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