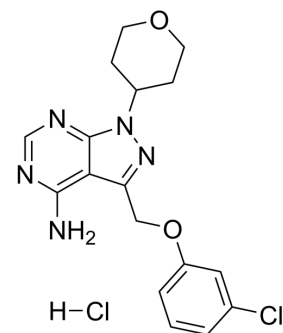


PF-4800567 hydrochloride

Cat. No.:	HY-12470A
CAS No.:	1391052-28-0
Molecular Formula:	C ₁₇ H ₁₉ Cl ₂ N ₅ O ₂
Molecular Weight:	396.27
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description PF-4800567 hydrochloride is a potent and selective inhibitor of casein kinase 1 (CK1), with an IC₅₀ of 32 nM, which is greater than 20-fold selectivity over CK1δ (IC₅₀, 711 nM). PF-4800567 hydrochloride is useful in probing unique roles between these two kinases in multiple signaling pathways^[1].

IC₅₀ & Target IC₅₀: 32 nM (CK1)^[1]

CUSTOMER VALIDATION

- Sci Transl Med. 2018 Jul 18;10(450):eaaq1093.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Walton KM, et al. Selective inhibition of casein kinase 1 epsilon minimally alters circadian clock period. J Pharmacol Exp Ther. 2009 Aug;330(2):430-9.

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

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