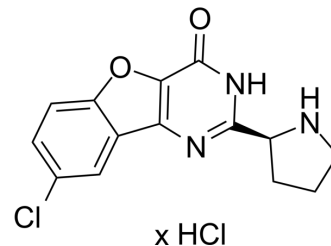


XL413 hydrochloride

Cat. No.:	HY-15260C
CAS No.:	1169562-71-3
Molecular Formula:	C ₁₄ H ₁₂ ClN ₃ O ₂ ·xHCl
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description XL413 (BMS-863233) hydrochloride is an orally active and selective CDC7 inhibitor (IC₅₀=3.4 nM). XL413 hydrochloride has favorable pharmacokinetic profiles and significantly inhibits tumor growth in rodent models. XL413 hydrochloride can be used in cancer research^[1].

IC₅₀ & Target Cdc7
3.4 nM (IC₅₀)

CUSTOMER VALIDATION

- Science. 2017 Dec 1;358(6367):eaan4368.
- Sens Actuators B Chem. 15 May 2022, 131618.
- Am J Physiol Lung Cell Mol Physiol. 2018 Sep 1;315(3):L360-L370.
- Harvard Medical School LINCS LIBRARY

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Koltun ES, et al. Discovery of XL413, a potent and selective CDC7 inhibitor. *Bioorg Med Chem Lett*. 2012 Jun 1;22(11):3727-31. doi: 10.1016/j.bmcl.2012.04.024. Epub 2012 Apr 16. Erratum in: *Bioorg Med Chem Lett*. 2012 Aug 1;22(15):5157.

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

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