XL413 . HCl

Cdc7 inhibitor/CRISPR enhancer

XL413 is a potent ATP-competitive inhibitor of the important DNA replication initiation kinase Cdc7 (DDK). It increases the efficiency of homology directed DNA repair in CRISPR-Cas9 gene editing. XL413 acted synergistically with other chemotherapy agents in various cancer models.

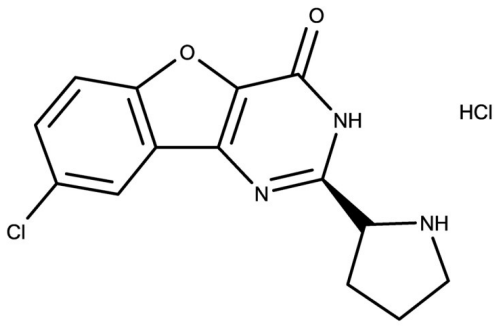
Ordering Information

Order Online »

ENZ-CHM453-0025	25mg

Manuals, SDS & CofA

View Online »


O
O
NH
HCl
N
Cl
NH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Chloro-2-[(2S)-pyrrolidin-2-yl]-3H-[1]benzofuro[3,2-d]pyrimidin-4-one hydrochloride
Appearance	White solid.
CAS	2062200-97-7
Couple Type	Inhibitor
Formula	$C_{14}H_{12}ClN_3O_2$. HCl
Identity	Determined by NMR.
MW	326.18
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (2 mg/ml with warming) or water (7 mg/ml with warming).

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