

Product Name	: Debio-0123
Synonyms	: —
Cat No.	: M37689
CAS Number	: 2243882-74-6
Molecular Formula	: C ₂₆ H ₂₈ Cl ₂ N ₆ O
Formula Weight	: 511.45
Chemical Name	: —
Description	WEE1-IN-5 is a potent WEE1 inhibitor with an IC ₅₀ value of 0.8 nM. WEE1-IN-5 inhibits phospho-CDC2. WEE1-IN-5 abrogates the G2 check point, increasing sensitivity to DNA damaging agents in cancer cells. WEE1-IN-5 can be used for researching anticancer.
Pathway	: Cell Cycle/DNA Damage
Target	: Wee1
Receptor	: Wee1
Solubility	: In Vitro: ?DMSO : 20 mg/mL (39.10 mM; Ultrasonic (<60°C);)
SMILES	: <chem>CN1CCC(CC1)c1ccc(Nc2ncc3C(=O)N(CN(C)c3n2)c2c(Cl)cccc2Cl)cc1C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

I. H. Gelderblom, et al. 601TIP First-in-human phase I study of a novel oral Wee1 inhibitor (Debio 0123) in combination with carboplatin in patients with advanced solid tumours. Ann Oncol. 2020 Sep; 31: S501-S502.