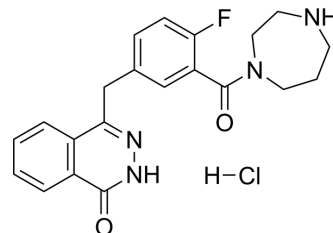


## KU-0058948 hydrochloride

Cat. No.:	HY-136489A
CAS No.:	2108829-86-1
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> ClFN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	416.88
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	KU-0058948 hydrochloride is a specific and potent PARP1 inhibitor with an IC <sub>50</sub> of 3.4 nM. KU-0058948 hydrochloride shows anticancer effects <sup>[1]</sup> .
IC <sub>50</sub> & Target	PARP-1 3.4 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Hannah Farmer, et al. Targeting the DNA repair defect in BRCA mutant cells as a therapeutic strategy. Nature. 2005 Apr 14;434(7035):917-21.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA