## **Product** Data Sheet

## Bcl-2-IN-4

**Cat. No.:** HY-143872

CAS No.: 2703134-40-9 Molecular Formula:  $C_{46}H_{50}CIN_9O_7S$ 

Molecular Weight: 908.46

Target: Bcl-2 Family
Pathway: Apoptosis

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

## **BIOLOGICAL ACTIVITY**

Description	Bcl-2-IN-4 is a potent, orally active and selective Bcl-2 inhibitor with an IC $_{50}$ of 1.5 nM. Bcl-2-IN-4 displays >200-fold selectivity over Bcl-xL (IC $_{50}$ of 411 nM). Bcl-2-IN-4 inhibits RS4; 11 cell proliferation with an IC $_{50}$ of 2.7 nM (WO2021180040A1; compound 2) $^{[1]}$ .	
IC <sub>50</sub> & Target	Bcl-2 1.5 nM (IC <sub>50</sub> )	Bcl-xL 411 nM (IC <sub>50</sub> )

## **REFERENCES**

[1]. Hongjian Wang, et al. Benzo five-membered cyclic compound. WO2021180040A1.

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

Inhibitors