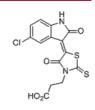


Data Sheet

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Product Name	:	FX1
Cat. No.	:	PC-60927
CAS No.	:	1426138-42-2
Molecular Formula	:	C ₁₄ H ₉ CIN ₂ O ₄ S ₂
Molecular Weight	:	368.806
Target	:	Bcl-2
Solubility	:	10 mg/mL in DMSO



Biological Activity

FX1 (BCL6 inhibitor FX1) is a potent, specific **BCL6 BTB domain** inhibitor with Kd of 7 uM, binds with a greater affinity than the natural BCL6 ligand SMRT (Kd=30 uM).

FX1 exhibits 10-fold greater inhibitory activity against the BCL6 BTB domain in reporter assays with IC50 of 35 uM, displays good selectivity against a panel of 50 different kinases.

FX1 disrupts formation of the BCL6 repression complex, reactivates BCL6 target genes, suppresses ABC-DLBCL cells in vitro and in vivo, as well as primary human ABC-DLBCL specimens ex vivo.

References

Cardenas MG, et al. *J Clin Invest.* 2016 Sep 1;126(9):3351-62.

Deb D, et al. Cancer Res. 2017 Jun 1;77(11):3070-3081.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com