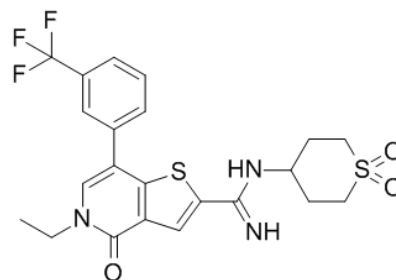


Product Name : I-BRD9
Cat. No. : PC-45582
CAS No. : 1714146-59-4
Molecular Formula : C₂₂H₂₂F₃N₃O₃S₂
Molecular Weight : 497.5536
Target : Bromodomain
Solubility : DMSO: 15.5 mg/mL



Biological Activity

I-BRD9 is the first selective cellular chemical probe inhibitor for **BRD9** with pIC₅₀ of 7.3.

I-BRD9 displays 700-fold selectivity over the BET family and 200-fold over the highly homologous BRD7.

I-BRD9 decreases cell proliferation, G1-arrest and apoptosis in rhabdoid tumor cells.

I-BRD9 shows synergistic inhibitory effects on cell proliferation combined with doxorubicin or carboplatin.

References

Theodoulou NH, et al. *J Med Chem.* 2016 Feb 25;59(4):1425-39.

Krämer KF, et al. *Int J Mol Sci.* 2017 Jul 16;18(7). pii: E1537.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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