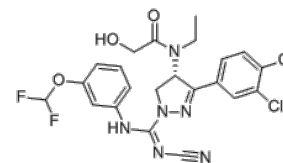

Product Name	: BAY-598
Cat. No.	: PC-60420
CAS No.	: 906919-67-2
Molecular Formula	: C ₂₂ H ₂₀ Cl ₂ F ₂ N ₆ O ₃
Molecular Weight	: 525.3
Target	: Histone Methyltransferase (HMTase)
Solubility	: 10 mM in DMSO



Biological Activity

BAY-598 (BAY598) is a potent, selective, and cell-active, substrate-competitive inhibitor of **SMYD2** with IC₅₀ of 27±7 nM in the biochemical SPA assay.

BAY-598 displays >100-fold selectivity over other HMTases (SMYD3, SUV420H1, SUV420H2, etc.) and other non-epigenetic targets.

BAY-598 inhibits the methylation of p53K370 in cells with IC₅₀ <1 μM, has properties that are compatible with in vivo experiments.

References

Eggert E, et al. *J Med Chem.* 2016 May 26;59(10):4578-600.

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

E-mail: tech@probechem.com
