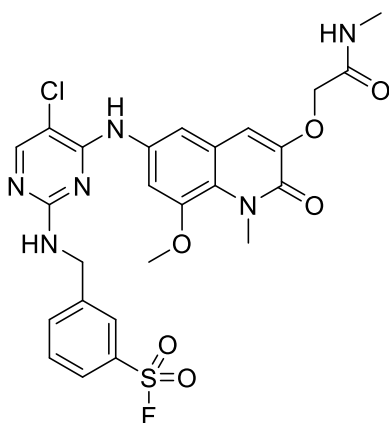


## TMX-2164



Chemical Formula: C<sub>25</sub>H<sub>24</sub>ClFN<sub>6</sub>O<sub>6</sub>S  
Molecular Weight: 591.01

Category	Parameter	Description
Compound	Name	TMX-2164
	Citation	ACS Med. Chem. Lett. 2020, 11, 1269-1273 <a href="https://doi.org/10.1021/acsmchemlett.0c00111">https://doi.org/10.1021/acsmchemlett.0c00111</a>
	Chemical descriptors	C1C1=C(NC2=CC(OC)=C(N(C)C(C(OCC(NC)=O)=C3)=O)C3=C2)N=C(NCC4=CC=CC(S(F)(=O)=O)=C4)N=C1
	Chemical name	3-(((5-chloro-4-((8-methoxy-1-methyl-3-(2-(methylamino)-2-oxoethoxy)-2-oxo-1,2-dihydroquinolin-6-yl)amino)pyrimidin-2-yl)amino)methyl)benzenesulfonyl fluoride
	Entries in chemical databases	N/A
	Availability	N/A
	Additional comments	N/A
<i>In vitro</i> profiling	Target (potency)	BCL6: 150 nM (The BCL-6 co-repressor peptide displacement assay at a fixed time point of 30 min)
	Selectivity	N/A
	Potential reactivity	N/A
	SAR	N/A
	Mechanism of inhibition	Targeting Tyrosine 58 of BCL6 through a sulfonyl fluoride warhead
	Structure of target-probe complex	N/A
	Additional comments	N/A
Cellular profiling	Validation of cellular target	washout assay in BCL6-eGFP reporter cells
	Validation of cellular specificity	N/A
	Additional comments	
Pharmacodynamics		N/A
Pharmacokinetics		N/A

Synthetic scheme

