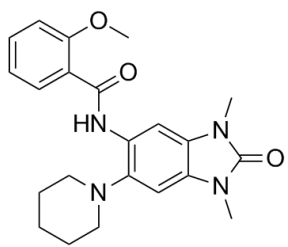


<b>Product Name</b>	: BRPF1-IN-3	
<b>Synonyms</b>	: GSK-5959; GSK 5959; GSK5959.	
<b>Cat No.</b>	: M16481	
<b>CAS Number</b>	: 901245-65-6	
<b>Molecular Formula</b>	: C <sub>22</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>	
<b>Formula Weight</b>	: 394.48	
<b>Chemical Name</b>	: N-(1,3-dimethyl-2-oxo-6-(piperidin-1-yl)-2,3-dihydro-1H-benzo[d]imidazol-5-yl)-2-methoxybenzamide	
<b>Description</b>	: BRPF1-IN-3 is a potent, selective, membrane permeable BRPF1 bromodomain inhibitor with pIC <sub>50</sub> of 7.1; shows 100- and >1000-fold selectivity over BRPF2 and BRPF3, respectively; exhibits an IC <sub>50</sub> of 0.98 μM in cellular protein interaction assay (displacement of NanoLuc-tagged BRPF1 bromodomain from Halo-tagged histone H3.3).	
<b>Pathway</b>	: Chromatin/Epigenetic	
<b>Target</b>	: Bromodomain	
<b>Receptor</b>	: BRPF1	
<b>Solubility</b>	: DMSO: 10 mM ( < 1 mg/ml refers to the product slightly soluble or insoluble )	
<b>SMILES</b>	: O=C(NC1=C(N2CCCCC2)C=C(N3C)C(N(C)C3=O)=C1)C4=CC=CC=C4OC	
<b>Storage</b>	: (-20°C)	
<b>Stability</b>	: ≥ 2 years	
<b>Reference</b>	:	

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