

<b>Product Name</b>	: ML328
<b>Synonyms</b>	: —
<b>Cat No.</b>	: M28826
<b>CAS Number</b>	: 634175-34-1
<b>Molecular Formula</b>	: C <sub>22</sub> H <sub>21</sub> F <sub>3</sub> N <sub>6</sub> O <sub>3</sub> S
<b>Formula Weight</b>	: 506.5
<b>Chemical Name</b>	: —
<b>Description</b>	<p>ML328 is a potent and selective inhibitor of bacterial AddAB (IC<sub>50</sub> = 1.0 μM) and RecBCD (IC<sub>50</sub> = 4.8 μM) helicase-nucleases. (In Vitro): The probe ML328 has a half-life of over 48 hours in PBS at room temperature when tested at 10 μM. Disappearance of the LC peak for the probe is unaltered by the addition of excess glutathione (50 μM) in a 6 hour incubation.</p>
<b>Pathway</b>	: Others
<b>Target</b>	: Other Targets
<b>Receptor</b>	: Bcl-2; Caspase-3
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>CCn1cc(C(=O)=O)c(=O)c2cnc(nc12)N1CCN(CC1)C(=S)Nc1cccc(c1)C(F)(F)F</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Yao H, et al. Thevetiaflavone from Wikstroemia indica ameliorates PC12 cells injury induced by OGD/R via improving ROS-mediated mitochondrial dysfunction. Mol Med Rep. 2017 Dec;16(6):9197-9202.