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<b>Product Name</b>	:	Cyclapolin 9
<b>Synonyms</b>	:	—
<b>Cat No.</b>	:	M33843
<b>CAS Number</b>	:	40533-25-3
<b>Molecular Formula</b>	:	C9H4F3N3O4S
<b>Formula Weight</b>	:	307.21
<b>Chemical Name</b>	:	—
<b>Description</b>	:	Cyclapolin 9 is a potent, selective and ATP-competitive polo-like kinase 1 (PLK1) inhibitor with an IC50 of 500 nM. Cyclapolin 9 is inactive against other kinases.
<b>Pathway</b>	:	Cell Cycle/DNA Damage
<b>Target</b>	:	PLK
<b>Receptor</b>	:	PLK
<b>Solubility</b>	:	In Vitro: DMSO : 20 mg/mL (65.10 mM; Ultrasonic (<80°C)
<b>SMILES</b>	:	NC(=O)c1sc2c(cc(cc2[n+]1[O-])C(F)(F)F)[N+](=[O-])=O
<b>Storage</b>	:	(-20°C)
<b>Stability</b>	:	≥ 2 years
<b>Reference</b>	:	

1. Martin Hennenberg, et al. Inhibition of Prostate Smooth Muscle Contraction by Inhibitors of Polo-Like Kinases. *Front Physiol.* 2018 Jun 15;9:734.?