

Product Name	: Cyclapolin 9
Synonyms	: —
Cat No.	: M33843
CAS Number	: 40533-25-3
Molecular Formula	: C ₉ H ₄ F ₃ N ₃ O ₄ S
Formula Weight	: 307.21
Chemical Name	: —
Description	: Cyclapolin 9 is a potent, selective and ATP-competitive polo-like kinase 1 (PLK1) inhibitor with an IC ₅₀ of 500 nM. Cyclapolin 9 is inactive against other kinases.
Pathway	: Cell Cycle/DNA Damage
Target	: PLK
Receptor	: PLK
Solubility	: In Vitro: ?DMSO : 20 mg/mL (65.10 mM; Ultrasonic (<80°C)
SMILES	: <chem>NC(=O)c1sc2c(cc(cc2[n+](O-))C(F)(F)F)[N+](O-)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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