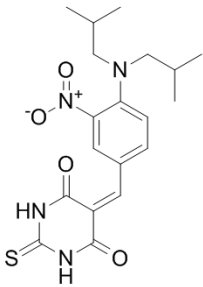


Product Name	: M2I-1	
Synonyms	: Mad2 inhibitor 1	
Cat No.	: M13998	
CAS Number	: 312271-03-7	
Molecular Formula	: C ₁₉ H ₂₄ N ₄ O ₄ S	
Formula Weight	: 404.48	
Chemical Name	4,6-(1H,5H)-Pyrimidinedione, 5-[[4-[bis(2-methylpropyl)amino]-3-nitrophenyl]methylene]dihydro-2-thioxo-	
Description	The first small molecule Mad2 inhibitor that targets the binding of Mad2 to Cdc20; equally potent in inhibiting the binding of F-Mbp1 to Mad2; disturbs conformational dynamics of Mad2 critical for complex formation with Cdc20, weakens the spindle assembly checkpoint (SAC) response.	
Pathway	: Angiogenesis	
Target	: CDK	
Receptor	: Others	
Solubility	: DMSO: ≥ 32 mg/mL	
SMILES	: <chem>O=C1C(C(=O)N1)=C2C=CC(=C2N(C(C)C)C(C)C)C([N+](=O)[O-])=C2)NC1=S</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Kastl J, et al. ACS Chem Biol. 2015 Jul 17;10(7):1661-6.