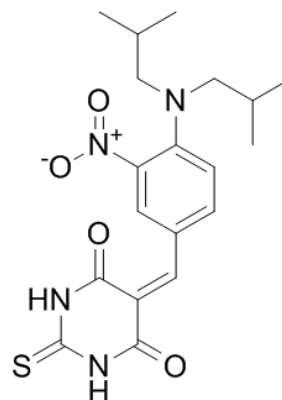


Product Name : M2I-1
Cat. No. : PC-42103
CAS No. : 312271-03-7
Molecular Formula : C₁₉H₂₄N₄O₄S
Molecular Weight : 404.4832
Target : Cyclin-dependent Kinase (CDK)
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

M2I-1 is the first small molecule **Mad2** inhibitor that targets the binding of Mad2 to Cdc20.

M2I-1 is equally potent in inhibiting the binding of F-Mbp1 to Mad2.

M2I-1 disturbs conformational dynamics of Mad2 critical for complex formation with Cdc20, weakens the spindle assembly checkpoint (SAC) response.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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