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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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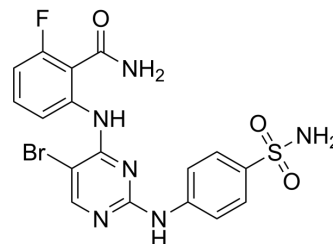
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TMX-3013

Cat. No.:	HY-151071
CAS No.:	2488761-18-6
Molecular Formula:	C ₁₇ H ₁₄ BrFN ₆ O ₃ S
Molecular Weight:	481.3
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TMX-3013 is a CDKs inhibitor capable of inhibiting the activity of CDK1, CDK2, CDK4, CDK5, and CDK6, with IC ₅₀ values of 0.9 nM, <0.5 nM, 24.5 nM, 0.5 nM, and 15.6 nM, respectively. TMX-3013 can be utilized for synthesizing PROTACs that feature a polyethylene glycol (PEG) linker arm and Thalidomide (HY-14658) as the CRBN-recruiting arm ^[1] .			
IC ₅₀ & Target	CDK1 0.9 nM (IC ₅₀)	CDK2 <0.5 nM (IC ₅₀)	CDK4 24.5 nM (IC ₅₀)	CDK5 0.5 nM (IC ₅₀)
	CDK6 15.6 nM (IC ₅₀)			

REFERENCES

[1]. Teng M, et al. Development of CDK2 and CDK5 dual degrader TMX-2172[J]. Angewandte Chemie, 2020, 132(33): 13969-13974.

Caution: Product has not been fully validated for medical applications. For research use only.

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