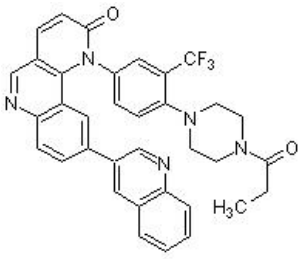


Torin 1, mTOR inhibitor ab218606

2 References

製品の概要

製品名	Torin 1, mTOR inhibitor
製品の詳細	Potent, selective mTOR inhibitor
生理活性の詳細	Potent, selective, ATP-competitive mTOR inhibitor that directly inhibits both mTORC1 and mTORC2 complexes, with IC ₅₀ values between 2 and 10 nM in <i>in vitro</i> kinase assays. Displays 1000-fold selectivity for mTOR over PI3K, 200-fold selectivity for mTOR over DNA-PK, ATM and hVps34, and exhibits 100-fold binding selectivity relative to 450 other protein kinases. Impairs cell growth and proliferation.
精製度	> 98%
特記事項	This product is manufactured by BioVision, an Abcam company and was previously called 2273 Torin 1. 2273-25 is the same size as the 25 mg size of ab218606.
CAS 番号	1222998-36-8
構造式	

製品の特性

体系名	1-[4-[4-(1-Oxopropyl)-1-piperazinyl]-3-(trifluoromethyl)phenyl]-9-(3-quinolinyl)-benzo[<i>h</i>]-1,6-naphthyridin-2(1 <i>H</i>)-one
分子量	607.62
分子式	C ₃₅ H ₂₈ F ₃ N ₅ O ₂
PubChem 登録番号	49836027
保存方法	Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
溶解性	Soluble in DMSO to 3 mM
SMILES 線形表記	<chem>CCC(=O)N1CCN(CC1)C2=C(C=C(C=C2)N3C(=O)C=CC4=CN=C5C=CC(=CC5=C43)C6=CC7=CC=CC=C7N=C6)C(F)(F)F</chem>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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