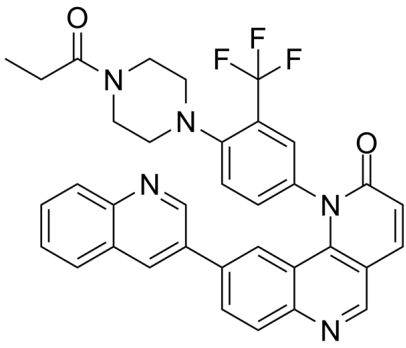


Data Sheet

Product Information

Catalog Number	BP12393
Product Name	Torin 1
Description	Torin 1 is an effective inhibitor of mTORC1/2 with (IC ₅₀ : 2 nM/10 nM); has 1000-fold selectivity for mTOR than PI3K.
Targets&IC ₅₀	mTORC1:2 nM, mTORC2:10 nM
CAS No.	1222998-36-8
Chemical Formula	C ₃₅ H ₂₈ F ₃ N ₅ O ₂
Molecular Weight	607.637
Solubility	DMSO: 2.5 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of Torin 1 is a complex molecule. It features a central benzene ring substituted with a 4-ethyl-1H-pyrimidin-2-yl group, a 4-(trifluoromethyl)-1H-pyridin-2-yl group, and a 1H-benzotriazin-4(3H)-on-2-yl group. The trifluoromethyl group is represented as a carbon atom bonded to three fluorine atoms.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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Purdue Bioscience Inc.