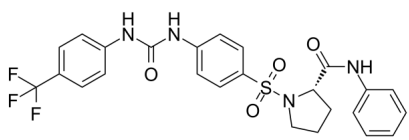


Data Sheet

Product Information

Catalog Number	BP14308
Product Name	ZL0580
Description	ZL0580 induces HIV suppression by inhibiting Tat transactivation and transcription elongation as well as by inducing repressive chromatin structure at the HIV promoter.
In vitro	In PBMCs of viremic HIV-infected individuals, ZL0580 (8 μ M, 2 days) induces HIV transcriptional suppression with low toxicity. ZL0580 treatment (10 μ M) suppresses both PMA-stimulated and basal HIV transcription.
CAS No.	2377151-10-3
Chemical Formula	C ₂₅ H ₂₃ F ₃ N ₄ O ₄ S
Molecular Weight	532.54
Solubility	DMSO: 250 mg/mL (469.46 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>The chemical structure of ZL0580 is shown. It features a central benzene ring substituted with a trifluoromethyl group (-CF₃) at the para position and a sulfonamide group (-SO₂NH-) at the other para position. The sulfonamide group is further substituted with a 4-phenyl-1H-pyrrolidin-1-yl group. The structure is drawn in a skeletal format with stereochemistry indicated by a wedge bond for the pyrrolidine ring.</p>

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<http://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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Purdue Bioscience Inc.