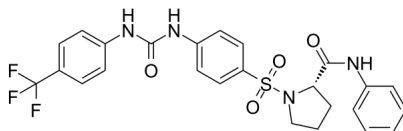


## Certificate of Analysis

Catalog Number	BP14308
Product Name	ZL0580

## Physical and Chemical Properties

CAS No.	2377151-10-3
Chemical Formula	C <sub>25</sub> H <sub>23</sub> F <sub>3</sub> N <sub>4</sub> O <sub>4</sub> 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	

## Product Information

Description	ZL0580 induces HIV suppression by inhibiting Tat transactivation and transcription elongation as well as by inducing repressive chromatin structure at the HIV promoter.
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In vitro	In PBMCs of viremic HIV-infected individuals, ZL0580 (8 $\mu$ M, 2 days) induces HIV transcriptional suppression with low toxicity. ZL0580 treatment (10 $\mu$ M) suppresses both PMA-stimulated and basal HIV transcription.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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