

# Certificate of Analysis



Product Identification		Chemical Structure
<b>Catalog number</b>	HB3419	
<b>Compound name</b>	DBZ / Deshydroxy LY-411575	
<b>Chemical name</b>	N-[(1S)-2-[[[(7S)-6,7-Dihydro-5-methyl-6-oxo-5H-dibenz[b,d]azepin-7-yl]amino]-1-methyl-2-oxoethyl]-3,5-difluorobenzeneacetamide	
<b>Source</b>	Synthetic	
<b>Country of Origin</b>	GB (United Kingdom)	
<b>Batch number</b>	E2163-19-3	
<b>Batch molecular formula</b>	C <sub>26</sub> H <sub>23</sub> F <sub>2</sub> N <sub>3</sub> O <sub>3</sub>	
<b>Batch molecular weight</b>	463.48	

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
<b>NMR</b>	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
<b>Mass spectrum</b>	Electrospray positive analysis consistent with structure	Meets specification
<b>Microanalysis</b>	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
<b>TLC</b>	TLC analysis in 50% EtOAc/DCM shows one spot under uv	Meets specification: R <sub>f</sub> =0.4
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

24/04/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.