SETAREH BIOTECH
LITE OF INNOVATION

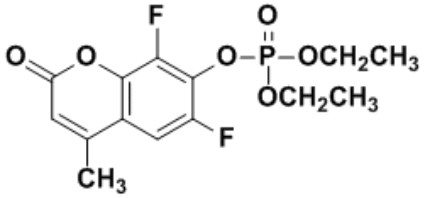
Certificate of Analysis
(C of A)

Name:	**DEPFMU [DIFMUP, Diethyl Ester]** **Diethylphospho-6,8-difluoro-4-methyl-umbelliferone**		
Catalog Number:	7643	Lot:	50736
CAS Number:	N/A	Formula:	$C_{14}H_{15}F_2O_6P$
Molecular Weight:	348.24 (g/mol)		

	Observed	Standard
HPLC Purity:	99% at 254 nm	≥ 95% at 254 nm
Absorption (Methanol)		
Wavelength (λ_{max}):	313 nm	312 ± 3 nm
Extinction:	5,700 $cm^{-1}M^{-1}$	6,200 ± 600 $cm^{-1}M^{-1}$
TLC Purity:	> 99%	≥ 95%
TLC System:	1:1 Hexane/ Ethyl acetate	
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	14928	Release:	26-May-2015	Expiration:	26-May-2025

Structure:



This data reflects the accuracy of the analysis of the subject lot
For research use only. Not for human use. No animal source.
This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger **Date:** 26-May-2015
Analytical Services Manager

Signature: Dianna M. Wineinger **Date:** 28-Nov-2022

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