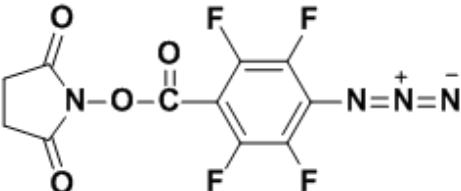


<b>Certificate of Analysis</b> (C of A)					
Name:	<b>ATFB, SE</b> 4-Azido-2,3,5,6-tetrafluorobenzoic acid, succinimidyl ester				
Catalog Number:	6977		Lot:	51031	
CAS Number:	126695-58-7		Formula:	C <sub>11</sub> H <sub>8</sub> F <sub>4</sub> N <sub>4</sub> O <sub>4</sub>	
Molecular Weight:	332.17 (g/mol)				
	<b>Observed</b>		<b>Standard</b>		
HPLC Purity:	97% at 254 nm		≥ 90% at 254 nm		
<b>Absorption (Ethanol)</b>					
Wavelength (λ <sub>max</sub> ):	274 nm		274 ± 3 nm		
Extinction:	25,900 cm <sup>-1</sup> M <sup>-1</sup>		24,000 ± 2,500 cm <sup>-1</sup> M <sup>-1</sup>		
TLC Purity:	> 99%		≥ 90%		
TLC System:	2:1 Hexane / Ethyl acetate				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14354	Release:	27-Sep-2019	Expiration:	27-Sep-2024
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  
 Analytical Services Manager

**Date:** 27-Sep-2019

**Signature:** 