

## Certificate of Analysis

**PRODUCT:** **AEBSF. HCl**  
Serine protease inhibitor; [4-(2-Aminoethyl)-benzene sulfonylfluoride . HCl]  
**C<sub>8</sub>H<sub>10</sub>FNO<sub>2</sub>S·HCl, M.W. 239.69, CAS# [30827-99-7]**

**PRODUCT NUMBER:** A-1018

**LOT NUMBER:** K1554B (Same as Mother Lot# K1554)

**APPEARANCE:** White to off-white powder

**SOLUBILITY:** Clear colorless solution @ 50mg/ml in H<sub>2</sub>O

	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
<b>PURITY (HPLC, 220nm):</b>	≥98%	Conforms
<b>ELEMENTAL ANALYSIS:</b> (as hydrochloride)	C: 40.09% (Theoretical) H: 4.63% (Theoretical) N: 5.84% (Theoretical)	C: 39.7% H: 4.7% N: 5.8%
<b>MELTING POINT:</b>	183°C ± 2°C	182.8°C
<b>WATER CONTENT (K.F.):</b>	≤1.0%	Conforms
<b>IDENTIFICATION (<sup>1</sup>H-NMR):</b>	Consistent with structure	
<b>COUNTRY of ORIGIN:</b>	EU	
<b>RECERTIFICATION DATE:</b>	December 2022	
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at -20°C. <b><u>WARNING:</u> HARMFUL! PROTECT FROM LIGHT &amp; MOISTURE!</b>	

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS