

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: H-Asp(OBzl)-OBzl · TosOH,98%

ITEM NUMBER: A109214  
BRAND: Aladdin  
CAS NUMBER: 2886-33-1  
MDL NUMBER: MFCD00065188  
FORMULA: C<sub>18</sub>H<sub>19</sub>NO<sub>4</sub>.C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>S  
MOLECULAR WEIGHT: 485.55

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Crystalline Powder		
Infrared spectrum	Conforms to Structure		
Melting point	157 ° C	161 ° C	161 ° C
Purity(HPLC)	98 %	100 %	100 %
Purity(neutralization titration)	97.5 %	102.5 %	102.5 %
Specific rotation [ $\alpha$ ] <sub>20</sub> /D(C=1,CHCl <sub>3</sub> )	++7 °	+10 °	++10 °