

CERTIFICATE of ANALYSIS

PRODUCT:	E-64 (Synthetic) C ₁₅ H ₂₇ N ₅ O ₅ • 0.5 H ₂ O, M.W. 357.4 (anhydrous), CAS# [66701-25-5]	
PRODUCT NUMBER:	E-2030	
LOT NUMBER:	B1682	
APPEARANCE:	White crystalline powder	
OPTICAL ROTATION:	[α] ²³ _D = +24° (c = 1.0, 1 N HCl)	
PURITY (HPLC):	99.2% (area)	
PURITY (TLC):	Single spot	
SOLUBILITY:	Soluble in DMSO (25 mg/ml) or water (20 mg/ml).	
ELEMENTAL ANALYSIS (as hemihydrate):	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
	C: 49.17%	C: 49.2%
	H: 7.70%	H: 7.6%
	N: 19.11%	N: 19.1%
WATER CONTENT (KF):	< 10%	
COUNTRY OF ORIGIN:	EU	
STORAGE & HANDLING:	Keep cool and dry at -20°C. Stock solutions are stable if stored at -20°C for 3-4 months. PROTECT FROM LIGHT!	

CAUTION: For laboratory research & scientific manufacturing 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: DD