

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407352	Y15 hydrochloride	BBC70210

Chemical name		
1,2,4,5-benzenetetramine tetrahydrochloride.		
Synonyms		
Y15 hydrochloride; Y15 tetrahydrochloride; Y15; Y-15. FAK Inhibitor 14.		
Chemical structure	CAS# and Theoretical analysis	
$\begin{array}{c c} H_2N & NH_2 \\ H_2N & NH_2 \\ H-CI & H-CI \\ H-CI & H-CI \\ H-CI & H-CI \end{array}$	MedKoo Cat#: 407352 Name: Y15 hydrochloride CAS#: 4506-66-5 (HCl) Lot#: BBC70210 Chemical Formula: C ₆ H ₁₄ Cl ₄ N ₄ Molecular Weight: 284.01	

Analysis item	Specifications / Results	
Appearance	Grayish to dark green crystalline solid.	
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.	
Purity (HPLC)	>97.0%	
Solubility	Soluble in DMSO.	
Conclusion	This product conforms with MedKoo's quality standards	
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.	
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition	
Shelf life	At least 5 years if properly stored.	

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE