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Certificate of Analysis

Catalogue Number	17231
Lot Number	001723-20151202
Product	1-(4-Boc-piperazin-1-yl)benzoic acid 1-Boc-4-(4-carboxyphenyl)piperazine 4-(4-Carboxyphenyl)piperazine-1-carboxylic acid <i>tert</i> -butyl ester
CAS Number	162046-66-4
Molecular Formula	C ₁₆ H ₂₂ N ₂ O ₄
Molecular Weight	306.36

Appearance	Off-white powder
Loss on Drying	0.10%
¹H NMR	Conforms to structure
Purity by HPLC	97.2%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager