

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329304	Benzonatate	T23D03P11

Chemical name	
2,5,8,11,14,17,20,23,26-nonaoxaoctacosan-28-yl 4-(butylamino)benzoate	
Synonyms	
Benzonatate; Tessalon; KM65; KM 65; KM-65; Exangit; Ventussin	
Chemical structure	CAS# and Theoretical analysis
 <chem>CCCCNc1ccc(cc1)C(=O)OCCOCCOCCOCCOCCOCCOCCOCCOC</chem>	MedKoo Cat#: 329304 Name: Benzonatate CAS: 104-31-4 Lot#: T23D03P11 Chemical Formula: C ₃₀ H ₅₃ NO ₁₁ Exact Mass: 603.3619 Molecular Weight: 603.75

Analysis item	Specifications / Results
Appearance	Colorless to light yellow liquid
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 (NMR)	>99.0%
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