

Analytical Data Sheet

Lot number **1000012685**
not for drug use

Catalog number **H-9460.0005**
Product number **4016643.0005**
Product **Mitogenic Pentapeptide**
Palmitoyl- Cys((RS) - 2, 3- di(palmitoyloxy) - propyl) -
Ser- Ser- Asn- Ala- OH
Molecular formula $C_{67}H_{124}N_6O_{14}S$
Relative molecular mass 1269.82

Tests	Results
Appearance	off-white powder
Identification (TLC)	conforms with the reference
Solubility	hardly soluble, soluble in $CHCl_3$
Purity (TLC)	98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid 32% 15/4/1 plate: silicagel 60 F ₂₅₄ detected by: chlorine-tolidine
Assay (elemental analysis)	84% (Nth 6.62 %, Nfd 5.57 %)

Latest update: March 06, 2019

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