

Analytical Data Sheet

Lot number **1068717**
not for drug use

Catalog number H-6126.1000
Product number 4045698.1000
Product **Retrocyclin- 1 trifluoroacetate salt**
Cyclo(- Gly- Ile- Cys- Arg- Cys- Ile- Cys- Gly- Arg- Gly-
Ile- Cys- Arg- Cys- Ile- Cys- Gly- Arg) trifluoroacetate
salt
(Disulfide bonds between Cys³ and Cys¹⁶/Cys⁵ and
Cys¹⁴/Cys⁷ and Cys¹²)
Molecular formula C₇₄H₁₂₈N₃₀O₁₈S₆
Relative molecular mass 1918.42

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 1918.3u
Amino acid analysis	Gly 4.0 (4) Cys* 2.7 (6) Ile 3.9 (4) Arg 4.1 (4) * partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	> 95%
Assay (AAA)	71.3%
Ellmans test	negative
General comment	Product supplied as trifluoroacetate salt