

Analytical Data Sheet

Lot number **1059259**
not for drug use

Catalog number **H-3458.0005**
Product number **4026648.0005**
Product **(Gln⁵³) - Connexin 37 (51- 58) (human, mouse, rat)**
H- Phe- Glu- Gln- Asn- Thr- Ala- Gln- Pro- OH
Molecular formula **C₄₀H₅₉N₁₁O₁₅**
Relative molecular mass **933.97**

Tests	Results
Appearance	white product
Identification (FAB-MS)	[M+H] ⁺ : m/z = 934 u
Amino acid analysis	Asx 0.98 (1) Phe 0.92 (1) Thr 0.93 (1) Glx 3.00 (3) Pro 1.12 (1) Ala 0.91 (1)
Solubility	soluble in water
Purity (HPLC)	96.8% (TFA) 97.0% (NaClO ₄)
Assay (elemental analysis)	81% (Nth 16.50 %, Nfd 13.40 %)
General comment	Product contains trifluoroacetic acid

Latest update: May 04, 2015

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