

Analytical Data Sheet

Lot number

1023099

not for drug use

Catalog Number	H-3458.0001
Product number	4026648.0001
Product	(Gln ⁵³) - Connexin 37 (51- 58) (human, mouse, rat) H- Phe- Glu- Gln- Asn- Thr- Ala- Gln- Pro- OH
Molecular formula	C ₄₀ H ₅₉ N ₁₁ O ₁₅
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: April 02, 2009	