

CERTIFICATE OF ANALYSIS

MELANOCORTIN RECEPTOR AGONIST

DOC NDP-COA-ML164-01

PURITY · RP-HPLC

99.33%

RP-HPLC · UV 220 nm · tR 4.86 min · AREA NORMALISATION

IDENTITY

LC-MS [M+H]⁺ m/z 1025.2

APPEARANCE

WHITE LYOPHILISED POWDER

TFA CONTENT

< 0.50 %

MOLECULAR WEIGHT

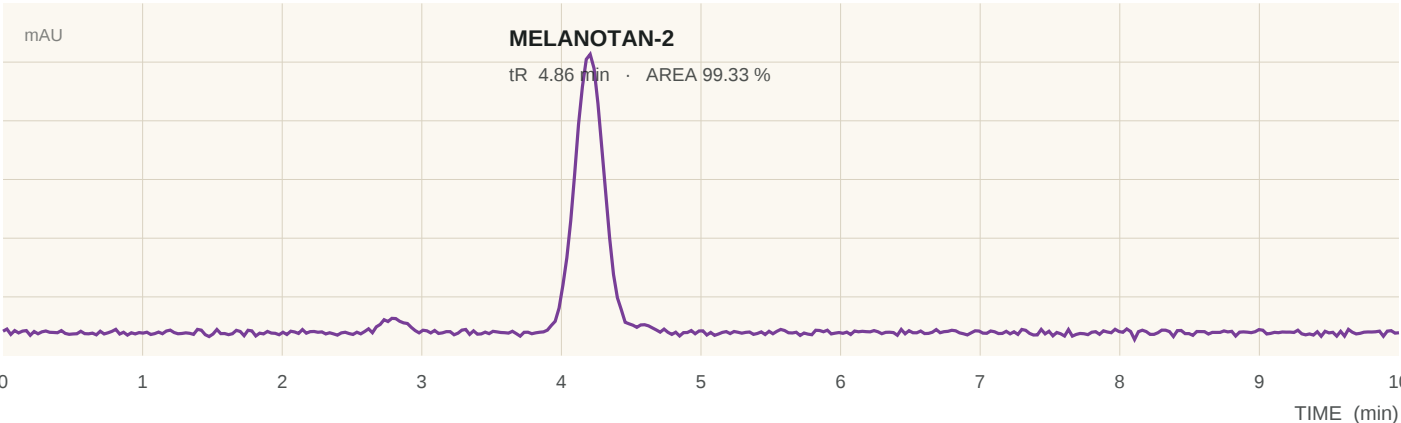
1024.2 g/mol

MOLECULAR FORMULA

C50 H69 N15 O9

RP-HPLC TRACE

C18 · 0.1% TFA / Acetonitrile gradient · 35°C · 1 mL/min · UV 220 nm



ANALYTICAL METHODS & STORAGE

Purity	RP-HPLC · UV 220 nm
Identity	LC-MS · ESI ⁺ · observed mass
TFA content	Ion chromatography
Appearance	Visual · white light
Molecular weight	Calculated from sequence
Storage — lyophilised powder	-20°C / 3 years +4°C / 2 years +15°C / 3 months
Storage — in solvent	-80°C / 6 months +2°C to +8°C / 1 month +10°C / 1 week



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