

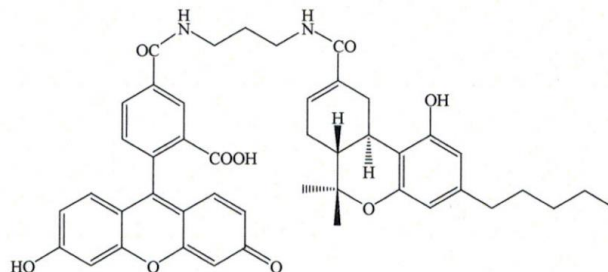


**Conjugate THC-Fluorescein**

**Order-No: CJ-40-F**

Lot: xxx xxx xxx xxx

**Structure:**

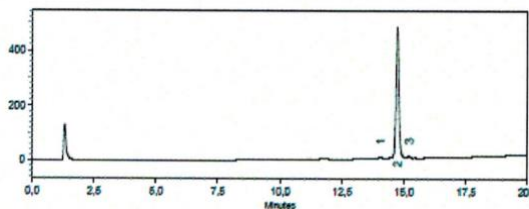


Tetrahydrocannabinol Derivate with 5-(3-Aminopropyl)-amidofluorescein

**Specification:**

- Substance: Tetrahydrocannabinol Derivate with 5-(3-Aminopropyl)-amidofluorescein
- Synthesis number: xxx xxx xxx
- Molecular formula: C<sub>45</sub>H<sub>46</sub>N<sub>2</sub>O<sub>9</sub>
- Molecular weight: 758.85 g/mol
- Appearance: yellow solid

Quality control by HPLC:



λ<sub>D</sub> = 240 nm  
 t<sub>R</sub> = 14,7 min  
 Percent purity: 97,4%  
 Solvent peak at t<sub>R</sub> = 1,3 min (DMF)

Mass spectrometry: MALDI MS L+  
 Molecular weight: 760,1 (M+H)<sup>+</sup>

Absorption: Buffer pH 9 (c ≈ 3,3 μM), λ<sub>max</sub> = 497 nm, A<sub>max</sub> = 0,23

Emission: Buffer pH 9, λ<sub>Em</sub> = 508 nm [λ<sub>Exc</sub> = 496 nm]

Excitation: Buffer pH 9, λ<sub>Em</sub> = 497 nm [λ<sub>Exc</sub> = 508 nm]

Quality Contrller: M.R.

Storage: Store at room temperature, protect from light!

**Caution**

Substance not yet fully tested (EU).

For laboratory use only. Not for drug, household or other use.

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