



CERTIFICATE OF ANALYSIS

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1. Identification

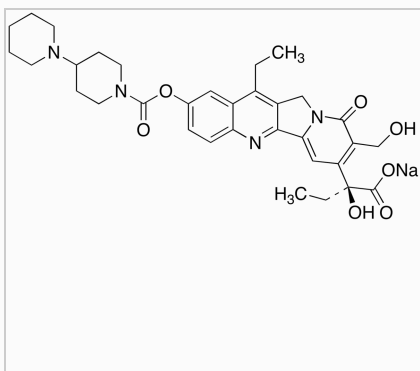
Catalogue Number: I767510

CAS Number: 1329502-92-2

Product: Irinotecan Carboxylate Sodium Salt

Synonym: (aS)-2-[[[1,4'-Bipiperidin]-1'-ylcarbonyl]oxy]-
a,12-diethyl-9,11-dihydro-a-hydroxy-8-
(hydroxymethyl)-9-oxo-indolizino[1,2-
b]quinoline-7-acetic Acid Sodium Salt; CPT 11
Carboxylic Acid Sodium Salt;

Structure:



Molecular Formula:

C₃₃H₃₉N₄NaO₇

Molecular weight:

626.68

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Water
(Slightly)

Lot Number: 3-SUB-2-2

Purity: 97%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------------|-----------------------------------|
| Appearance | Off-White to Pale Yellow Solid | Off-White to Pale Yellow Solid |
| Specific Rotation | Report Result | +62.6° (c = 0.2, Water) |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 60.63, %H: 6.68, %N: 8.61 |
| MS | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 96.92% (255 nm) |
| Sodium Content | Report Result | 3.65% by Ion Chromatography |
| Water Content | Report Result | ~4.2% based on Elemental Analysis |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|---|---|---|------------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 10/18/2021 | 10/16/2025 |
|  |  |  | | |