

## Certificate of Analysis

Product Name	Deruxtecan
Catalog No.	V4653
Batch No.	V465310

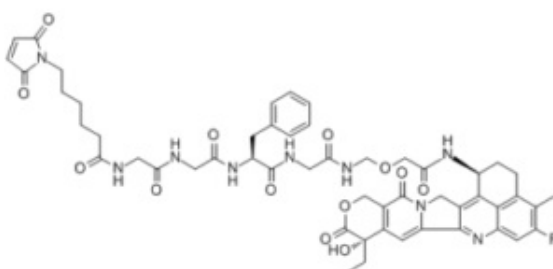
### 1. Physical and Chemical Properties

Appearance	Yellow Powder
Molecular Formula	C <sub>52</sub> H <sub>56</sub> FN <sub>9</sub> O <sub>13</sub>
Molecular Weight	1034.05195617676
Purity	≥98.73%
CAS No.	1599440-13-7
Production Date	2025/04/01

### 2. Analytical Data

Test Item	Specification	Result
HPLC	≥95%	≥98.73%
<sup>1</sup> HNMR	Consistent to structure	Confirms
Appearance	Yellow Powder	Yellow Powder
Optical rotation (C=1, DMSO)	/	+3.76
Water content	<1.5%	0.8869%
Residual solvent	<1000ppm	221ppm
IR	Consistent to structure	Confirms
Solubility (In DMSO)	≥35 mg/mL	Confirms
Solubility (In H <sub>2</sub> O)	Insoluble (< 1 mg/mL)	Confirms

### 3. Structure



### 4. Storage Condition

Storage Condition	Powder    -20°C    3 years 4°C      2 years  <b>Note:</b> (1) This product is not stable in solution, please use freshly prepared working solution for optimal results. (2) This product requires protection from light (avoid light exposure) during transportation and storage.
-------------------	--

**Products are for research use only • Not for human or veterinary use**

---

**Tel: +1 708 310-1919**

**InvivoChem LLC**  
**Fax: +1 708 557-7486**  
**<http://www.invivochem.com/>**

**Email: [info@invivochem.com](mailto:info@invivochem.com)**