

---

## Certificate of Analysis

---

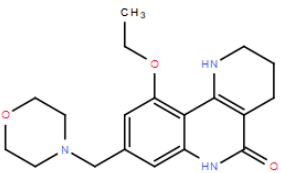
Target	Inhibitors & Agonists>>Cell Cycle/DNA Damage>>PARP
Cat.No	DC11075
Name	Amelparib

**Tel:** +86-21-58447131  
**Fax:** +86-21-61642470

**Email:**  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

---

CAS	1227156-72-0
Formula	C <sub>19</sub> H <sub>25</sub> N <sub>3</sub> O <sub>3</sub>
MW	343.427
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Amelparib consists of a central benzene ring. At the 1-position of the benzene ring, there is a methoxy group (-OCH<sub>2</sub>CH<sub>3</sub>). At the 2-position, there is a piperidine ring attached via its nitrogen atom. At the 3-position, there is a methylene group (-CH<sub>2</sub>-) attached to the nitrogen of a second piperidine ring. At the 4-position, there is a carbonyl group (-C(=O)-) attached to the nitrogen of a third piperidine ring. The third piperidine ring also has a hydrogen atom attached to its nitrogen.</p>
Purity	>98%

**Website:**  
www.dcchemicals.com