

**Product Name:** ABT-199  
**Catalog Number:** BCC3614  
**Batch Number:** KLKH12b01

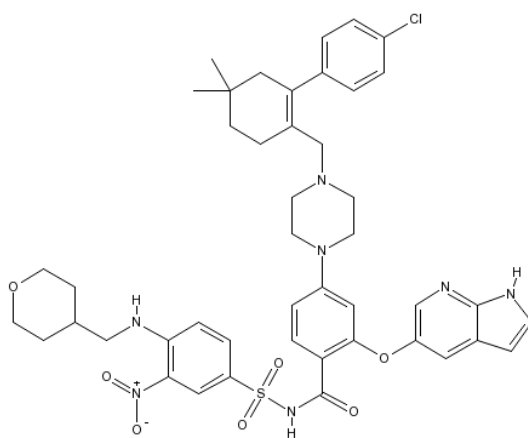
## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>45</sub>H<sub>50</sub>ClN<sub>7</sub>O<sub>7</sub>S  
**Molecular Weight:** 868.44  
**Purity:** >98%  
**Cas Number:** 1257044-40-8

## 2. ANALYTICAL DATA

**HPLC:** Shows >98% purity  
**NMR:** Consistent with structure

## 3. CHEMICAL STRUCTURE



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## 4. USAGE GUIDE

**Storage:** Store the product in sealed, cool and dry condition.  
**General tips:** For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

**Authorized Signature:**

**Date:**