

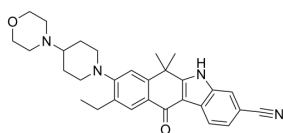
## Alectinib

Cat. No.: HY-13011  
 CAS No.: 1256580-46-7  
 Batch No.: 266388  
 Chemical Name: 5H-Benzo[b]carbazole-3-carbonitrile, 9-ethyl-6,11-dihydro-6,6-dimethyl-8-[4-(4-morpholinyl)-1-piperidiny]-11-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{34}N_4O_2$   
 Molecular Weight: 482.62  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.59%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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