

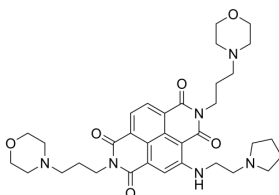
## CM03

Cat. No.: HY-121862  
CAS No.: 2101208-44-8  
Batch No.: 275025  
Chemical Name: Benzo[*lmn*][3,8]phenanthroline-1,3,6,8(2H,7H)-tetrone, 2,7-bis[3-(4-morpholinyl)propyl]-4-[[2-(1-pyrrolidinyl)ethyl]amino]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>34</sub>H<sub>44</sub>N<sub>6</sub>O<sub>6</sub>  
Molecular Weight: 632.75  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to dark brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.73%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA