

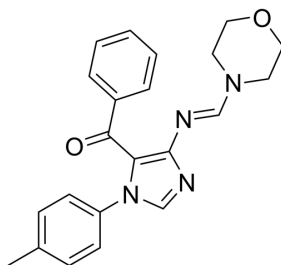
**IBS008738**

Cat. No.: HY-112821  
 CAS No.: 385425-03-6  
 Batch No.: 213393  
 Chemical Name: Methanone, [1-(4-methylphenyl)-4-[(4-morpholinylmethylene)amino]-1H-imidazol-5-yl]phenyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{22}N_4O_2$   
 Molecular Weight: 374.44  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



## ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.22%  
 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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