

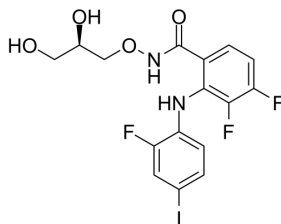
## Mirdametinib

Cat. No.: HY-10254  
 CAS No.: 391210-10-9  
 Batch No.: 12267  
 Chemical Name: Benzamide, N-[(2R)-2,3-dihydroxypropoxy]-3,4-difluoro-2-[(2-fluoro-4-iodophenyl)amino]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{14}F_3IN_2O_4$   
 Molecular Weight: 482.19  
 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: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.95%  
 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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