

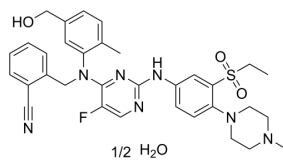
## AZ13705339 (hemihydrate)

Cat. No.: HY-120940A  
Batch No.: 213455  
Chemical Name: Benzonitrile, 2-[[[2-[[3-(ethylsulfonyl)-4-(4-methyl-1-piperazinyl)phenyl]amino]-5-fluoro-4-pyridinyl][5-(hydroxymethyl)-2-methylphenyl]amino]methyl]- (hemihydrate)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{33}H_{36}FN_7O_3S \cdot 1/2H_2O$   
Molecular Weight: 638.77  
Storage: Powder -20°C 3 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): 99.77%  
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