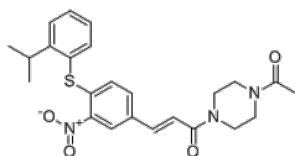


**Product Name** : A-286982  
**Cat. No.** : PC-38443  
**CAS No.** : 280749-17-9  
**Batch No.** : PC-3844301  
**Chemical Name** : (2E)-1-(4-Acetyl-1-piperazinyl)-3-[4-[[2-(1-methylethyl)phenyl]thio]-3-nitrophenyl]-2-propen-1-one

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 453.557  
**Molecular Formula** : C<sub>24</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>S  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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