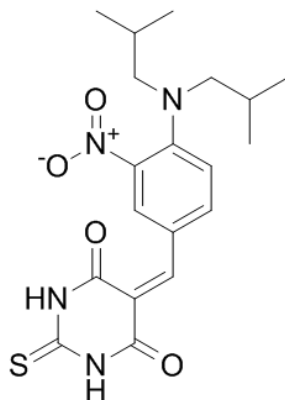


**Product Name** : M2I-1  
**Cat. No.** : PC-42103  
**CAS No.** : 312271-03-7  
**Batch No.** : PC-4210301  
**Chemical Name** : 4,6(1H,5H)-Pyrimidinedione, 5-[[4-[bis(2-methylpropyl)amino]-3-nitrophenyl]methylene]dihydro-2-thioxo-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 404.4832  
**Molecular Formula** : C<sub>19</sub>H<sub>24</sub>N<sub>4</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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