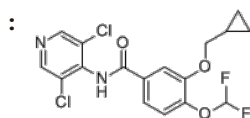


**Product Name** : Roflumilast  
**Cat. No.** : PC-20681  
**CAS No.** : 162401-32-3  
**Batch No.** : PC-2068101  
**Chemical Name** : O=C(NC1=C(Cl)C=NC=C1Cl)C2=CC=C(OC(F)F)C(OCC3CC3)=C2

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 403.21  
**Molecular Formula** :  $C_{17}H_{14}Cl_2F_2N_2O_3$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

## Chemical Structure



CAS: 162401-32-3

## 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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