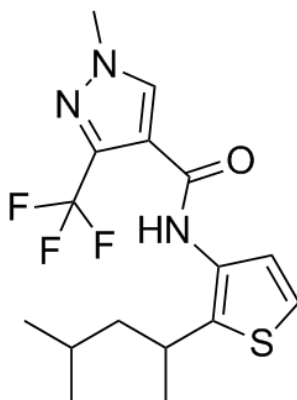


**Product Name** : Penthiopyrad  
**Cat. No.** : PC-45325  
**CAS No.** : 183675-82-3  
**Batch No.** : PC-4532501  
**Chemical Name** : 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3-(trifluoromethyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 359.4097  
**Molecular Formula** : C<sub>16</sub>H<sub>20</sub>F<sub>3</sub>N<sub>3</sub>OS  
**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!**

E-mail: tech@probechem.com