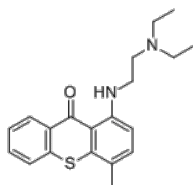


**Product Name** : Lucanthone  
**Cat. No.** : PC-60602  
**CAS No.** : 479-50-5  
**Batch No.** : PC-6060201  
**Chemical Name** : Thioxanthen-9-one, 1-[[2-(diethylamino)ethyl]amino]-4-methyl- (6CI,8CI)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 340.485  
**Molecular Formula** : C<sub>20</sub>H<sub>24</sub>N<sub>2</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