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**Product Data Sheet**

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Product Name: Adrafinil  
Cat. No.: GC15873

**Chemical Properties**

Cas. No. 63547-13-7

Chemical Name 2-benzhydrylsulfinyl-N-hydroxyacetamide

SMILES C1=CC=C(C=C1)C(C2=CC=CC=C2)S(=O)CC(=O)NO

Formula  $C_{15}H_{15}NO_3S$  M.Wt 289.35

Solubility DMF: 20 mg/ml, DMSO: 20 mg/ml, DMSO:PBS (pH 7.2) (1:1):  
0.5 mg/ml, Ethanol: 0.25 mg/ml Storage at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

**Background**

Adrafinil (CRL-40028, Olmifon), prodrug of modafinil, is a mild central nervous system stimulant drug used to relieve excessive sleepiness and inattention, Adrafinil is believed to serve as an alpha-1 adrenoceptor agonist.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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