N-(2,6-dimethylphenyl)-5,6-dihydro-4h-1,3-thiazin-2-amine hydrochloride (1:1) c12...

Contents

Molecular Formula	$C_{12}H_{17}ClN_2S$
Average mass	256. 795 Da
Density	
Boiling Point	
Flash Point	
Molar Refractivity	
Polarizability	
Surface Tension	
Molar Volume	

- Experimental data
- Predicted – ACD/Labs
- Predicted – ChemAxon
- Experimental Physico-chemical Properties

Experimental Melting Point:

150-164 °C

(Decomposes)LabNetwor

kLN00195932

- **Experimental Solubility:**

  DMSO 20 mg/ml; Water

  <0. 1 mg/mlMedChem

  ExpressHY-B0443A

  DMSO 50 mg/mL; Water

  12 mg/mLMedChem

  Expresshttp://www.

  medchemexpress.

  com/maprotiline-

  hydrochloride. html, HY-

  B0443A

- Miscellaneous

  - **Safety:**

    IRRITANTMatrix

    Scientific094642

  - **Target Organs:**

    Adrenergic Receptor

    agonistTargetMolT1500

- **Chemical Class:**

  AdrenoceptorEU-OpenScreen[X

  1251]

- **Bio Activity:**

  ??-adrenergic

  receptorTargetMolT1500

  Adrenergic

  ReceptorMedChem

  ExpressHY-B0443A

  GPCR/G

  proteinMedChem

  ExpressHY-B0443A

  GPCR/G

  ProteinTargetMolT1500

  GPCR/G protein;

  MedChem ExpressHY-

  B0443A

  Xylazine Hydrochloride is

  ? 2 class of adrenergic

  receptor agonist.;

  Target: Adrenergic

Receptor; Xylazine is a drug that is used for sedation, anesthesia, muscle relaxation, and analgesia in animals such as horses, cattle and other non-human mammals. MedChem ExpressHY-B0443A

Predicted data is generated using the ACD/Labs Percepta Platform – PhysChem Module

No predicted properties have been calculated for this compound.

Density:

Boiling Point:

Vapour Pressure:

Enthalpy of Vaporization:

Flash Point:

Index of Refraction:

Molar Refractivity:

#H bond acceptors:

#H bond donors:

#Freely Rotating Bonds:

#Rule of 5 Violations:

ACD/LogP:

ACD/LogD (pH 5. 5):

ACD/BCF (pH 5. 5):

ACD/KOC (pH 5. 5):

ACD/LogD (pH 7. 4):

ACD/BCF (pH 7. 4):

ACD/KOC (pH 7. 4):

Polar Surface Area:

Polarizability:

Surface Tension:

Molar Volume:

Click to predict properties on the Chemicalize site