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**Product Data Sheet**

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Product Name: Soluflazine

Cat. No.: GC37663

**Chemical Properties**

Cas. No. 112415-83-5

SMILES O=C(NC1=C(Cl)C=CC=C1Cl)CN2CC(C(N)=O)N(CCCC(C3=CC=C(F)C=C3)C4=CC=CN=C4)CC2.[H]Cl.[H]ClFormula  $C_{28}H_{32}Cl_4FN_5O_2$  M.Wt 631.4Solubility DMSO : 125 mg/mL (197.97 mM; Need ultrasonic); H<sub>2</sub>O : 83.33 mg/mL (131.98 mM; Need ultrasonic) Storage Store at -20°C

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

Structure **Background**

Soluflazine is a nucleoside transport inhibitor with anticonvulsant action. Soluflazine can be used as an antiepileptic agent[1].

[1]. Ashton D, et al. Anticonvulsant action of the nucleoside transport inhibitor, soluflazine, on synaptic and non-synaptic epileptogenesis in the guinea-pig hippocampus. *Epilepsy Res.* 1988 Mar-Apr;2(2):65-71.

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

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