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## Product Data Sheet

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Product Name: RU 24969 hemisuccinate

Cat. No.: GC50006

**Chemical Properties**

Cas. No. 66611-27-6

SMILES OC(=O)CCC(O)=O.COC1=CC=C2NC=C(C2=C1)C1=CCNCC1.COC1=CC=C2NC=C(C2=C1)C1=CCNCC1Formula  $C_{14}H_{16}N_2O \cdot \frac{1}{2}C_4H_6O_4$ 

M.Wt 287.34

Solubility DMF: slightly soluble, DMSO: slightly soluble, Ethanol: slightly soluble, PBS (pH 7.2): 1 mg/ml

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 ice upon Condition request.

Structure **Background**

Potent 5-HT<sub>1A/1B</sub> and moderate 5-HT<sub>2C</sub> agonist that may also release 5-HT. Centrally active following systemic administration.

Gudermann et al (1993) Human 5-HT<sub>1E</sub> serotonin receptor clone encodes a 5-hydroxytryptamine<sub>1E</sub>-like serotonin receptor. *Mol. Pharmacol.* 43 412 PMID:8450834 | Tomkins and O'Neill (2000) Effect of 5-HT<sub>1B</sub> receptor ligands on self-administration of ethanol in an operant procedure in rats. *Pharmacol. Biochem. Behav.* 66 129 PMID:10837852 | Guillaume et al (1987) Synthesis of 3-(1,2,3,6-tetrahydropyridin-4-yl)-1H-indoles and study of their serotonergic and antiDArg properties. *Eur. J. Med. Chem.* 22 33

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

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