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**Product Data Sheet**

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Product Name: Pamatolol

Cat. No.: GC32532

**Chemical Properties**

Cas. No. 59110-35-9

SMILES O=C(OC)NCCC1=CC=C(OCC(O)CNC(C)C)C=C1Formula  $C_{16}H_{26}N_2O_4$  M.Wt 310.39

Solubility Soluble in DMSO Storage Store 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 **Protocol****Animal experiment:**

Three male Sprague-Dawley rats weighing 200-250 g are given pamatolol-sulphate dissolved in water at a dose of 50 mg/kg (10 µCi/mg) by means of a stomach tube. The rats are housed in metabolic cages that allows for separate collection of urine and feces for a 24 hr period. They are given a commercial pellet diet and drinking water ad libitum.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### References:

[1]. Hoffmann KJ, et al.  
Species differences in the  
metabolism of pamatolol, a  
cardioselective beta--  
adrenoceptor antagonist. Eur  
J Drug Metab Pharmacokinet.  
1979;4(3):163-73.

### Background

Pamatolol is a cardioselective beta-adrenoceptor antagonist without sympathomimetic activity.

Pamatolol is well absorbed in the gastro-intestinal tract and excreted in the urine of man, dogs, rats and mice after oral administration, mainly in unchanged form, within 24 hrs[1].

[1]. Hoffmann KJ, et al. Species differences in the metabolism of pamatolol, a cardioselective beta--adrenoceptor antagonist. Eur J Drug Metab Pharmacokinet. 1979;4(3):163-73.

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