

Product Data Sheet

Product Name: Bentiromide

Cat. No.: GC35491

Chemical Properties

Cas. No. 37106-97-1

SMILES O=C(O)C1=CC=C(NC([C@@H](NC(C2=CC=CC=C2)=O)CC3=CC=C(O)C=C3)=O)C=C1

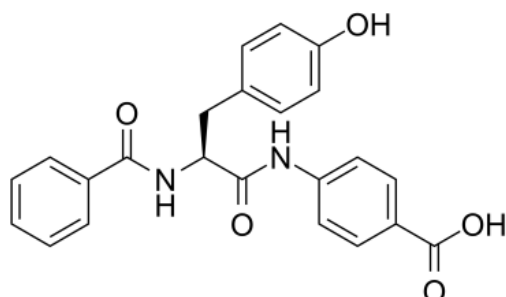
Formula $C_{23}H_{20}N_2O_5$ M.Wt 404.42

Solubility DMSO: ≥ 250 mg/mL (618.17 mM) 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



Background

Bentiromide is a peptide that is broken down in the pancreas by chymotrypsin. The bentiromide test is an excellent means of confirming the diagnosis of pancreatic exocrine insufficiency by outpatient test of chymotrypsin function[1].

[1]. Toskes PP, et al. The bentiromide test for pancreatic exocrine insufficiency. Pharmacotherapy. 1984 Mar-Apr;4(2):74-80.

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

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