
Product Data Sheet

Product Name: AU-224
Cat. No.: GC31568

Chemical Properties

Cas. No. 287399-47-7

SMILES O=C(OCCCC)CN1CCC(NC(C2=CC(Cl)=C(N)C=C2OC)=O)CC1

Formula $C_{19}H_{28}ClN_3O_4$ M.Wt 397.9

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

Background

AU-224 is a benzamide derivative used as a promising gastrointestinal prokinetic agent without significant side effects.

AU-224 is a benzamide derivative used as a promising gastrointestinal prokinetic agent without significant side effects.

AU-224 has excellent effect of promoting digestive motion while showing little side effect and can be orally administered[1]. AU-224 shows only weak gastrointestinal prokinetic activity after oral administration due to its low lipophilicity[2].

[1]. WO/2000/046201A1 [2]. Sakaguchi J, et al. An improved synthesis of butyl 4-[(4-amino-5-chloro-2-methoxybenzoyl)amino]-1-piperidineacetate (AU-224). Chem Pharm Bull (Tokyo). 2001 Jun;49(6):788-90.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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