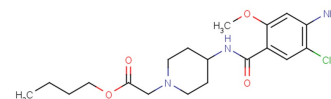


AU-224

**Chemical Properties**

CAS No.:	287399-47-7
Formula:	C <sub>19</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	397.9
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	AU-224 is a benzamide derivative used as a promising gastrointestinal prokinetic agent without significant side effects.
Targets(IC <sub>50</sub> )	Others: None
In vitro	AU-224, a benzamide derivative, is used as a promising gastrointestinal prokinetic agent without significant side effects.
In vivo	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].

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.513 mL	12.566 mL	25.132 mL
5 mM	0.503 mL	2.513 mL	5.026 mL
10 mM	0.251 mL	1.257 mL	2.513 mL
50 mM	0.05 mL	0.251 mL	0.503 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

- WO/2000/046201A1
- 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.

Inhibitors · Natural Compounds · Compound Libraries

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