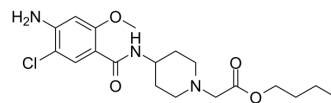


AU-224

Cat. No.:	HY-U00020
CAS No.:	287399-47-7
Molecular Formula:	C ₁₉ H ₂₈ ClN ₃ O ₄
Molecular Weight:	397.9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AU-224 is a benzamide derivative used as a promising gastrointestinal prokinetic agent without significant side effects.
In Vitro	AU-224 is a benzamide derivative used as a promising gastrointestinal prokinetic agent without significant side effects. MCE has not independently confirmed the accuracy of these methods. They are for reference only.
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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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.

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