PRODUCT INFORMATION

Asperphenamate
Item No. 25086

CAS Registry No.: 63631-36-7
Formal Name: N-benzoyl-L-phenylalanine,2S- (benzoylamino)-3-phenylpropyl ester
Synonyms: Anabellamide, Auranamide, NSC 306231
MF: C_{32}H_{30}N_{2}O_{4}
FW: 506.6
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Asperphenamate is supplied as a solid. A stock solution may be made by dissolving the asperphenamate in the solvent of choice. Asperphenamate is soluble in organic solvents such as ethanol, methanol, DMSO, and dimethyl formamide.

Description

Asperphenamate is a fungal secondary metabolite originally isolated from A. flavipes.\textsuperscript{1} It inhibits proliferation of T47D and MDA-MB-231 breast and HL-60 leukemia cancer cell lines (IC\textsubscript{50} = 92.3, 96.5, and 97.9 μM, respectively) and inhibits yeast α-glucosidase activity (IC\textsubscript{50} = 8.3 μM).\textsuperscript{2,3}

References