
Product Name	: Asperphenamate
Synonyms	: —
Cat No.	: M32791
CAS Number	: 63631-36-7
Molecular Formula	: C ₃₂ H ₃₀ N ₂ O ₄
Formula Weight	: 506.59
Chemical Name	: —
Description	: Asperphenamate, a fungal metabolite of <i>Aspergillus flatii</i> with anti-cancer effect, exhibits IC ₅₀ values of 92.3 μM, 96.5 μM and 97.9 μM in T47D, MDA-MB-231 and HL-60 cells, respectively.
Pathway	: Microbiology/Virology
Target	: Antifungal
Receptor	: Antifungal
Solubility	: In Vitro: ?DMSO : 100 mg/mL (197.40 mM; Ultrasonic)
SMILES	: <chem>O=C(OC[C@H](C1CCCC1)NC(=O)C1CCCC1)[C@H](C1CCCC1)NC(=O)C1CCCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Alice M.Clark, et al. Synthesis of asperphenamate, a novel fungal metabolite. Phytochemistry