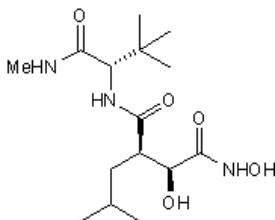




Product Information Sheet

Product Name:	Marimastat
Product alternative names:	BB2516, Marimistat
Catalog Number:	72183
Size:	1 mg
Chemical Name:	(2 <i>S</i> ,3 <i>R</i>)- <i>N</i> 4-[(1 <i>S</i>)-2,2-Dimethyl-1-[(methylamino)carbonyl] propyl] - <i>N</i> 1,2-dihydroxy-3-(2-methylpropyl)butanediamide
Molecular weight:	331.4
Formula:	C ₁₅ H ₂₉ N ₃ O ₅



Purity:	>99%
Solubility:	DMSO
CAS number:	154039-60-8
Storage:	-20°C

Instruction:

Broad spectrum inhibitor of MMP-9, 1, 2, 14, and 7 (IC₅₀ values are 3, 5, 6, 9 and 13 nM, respectively). Inhibits peritoneal dissemination of human gastric cancer cells *in vivo* through inhibition of tumor angiogenesis. Pre-treatment significantly attenuates mice liver injury following acute CCl₄-administration.

References:

1. Rasmussen, HS., et al. *Pharmacol. Ther.* **75**, 69 (1997).
2. Wada, N., et al. *Clin. Exp. Metastasis.* **20**, 431 (2003)
3. Bjornland, K., et al. *J. Surg. Res.* **127**, 151 (2005)
4. Vincent, EM., et al. *PLoS One.* **5**, e11256 (2010).