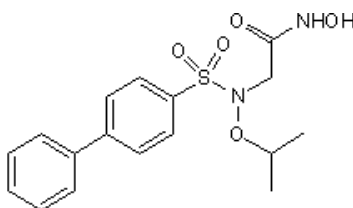




Product Information Sheet

Product Name:	ARP 100
Catalog Number:	72181
Size:	5 mg
Chemical Name:	2-[[[(1,1'-Biphenyl)-4-ylsulfonyl)-(1-methylethoxy)amino]-N-hydroxyacetamide
Molecular weight:	364.4
Formula:	C ₁₇ H ₂₀ N ₂ O ₅ S



Purity:	>99%
Solubility:	DMSO
CAS number:	704888-90-4
Storage:	2~8°C

Instruction:

Potent inhibitor of MMP-2 (IC₅₀ = 12 nM). Displays inhibition effect on MMP-9, 3, 1 and 7 (IC₅₀ values are 0.2, 4.5, >50 and >50 μM, respectively). Exhibits anti-invasive properties in HT1080 fibrosarcoma cells. Decreases integrin- α V β 3-mediated induction of PI3K/AKT leading to decreased VEGF expression.

References:

1. Rossello, A., et al. *Bioorg.Med.Chem.Letts.* **12**, 2441 (2004).
2. Tuccinardi, T., et al. *Bioorg.Med.Chem.Letts.* **14**, 4260 (2006).
3. Chetty, C., et al. *Int.J.Cancer***127**, 1081 (2003).

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