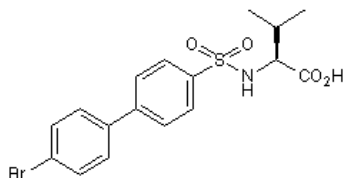




Product Information Sheet

Product Name:	PD 166793
Catalog Number:	72180
Size:	10 mg
Chemical name:	<i>N</i> -[(4'-Bromo[1,1'-biphenyl]-4-yl)sulfonyl]-L-valine
Molecular weight:	412.3
Formula:	C ₁₇ H ₁₈ BrNO ₄ S



Purity:	>99%
Solubility:	DMSO or EtOH
CAS number:	199850-67-4
Storage:	2~8°C

Instruction:

A broad spectrum MMP inhibitor. Displays potent inhibition on MMP-2, -3, and -13 (IC₅₀ are 47, 12, and 8 nM, respectively) and weaker inhibition on MMP-1, -7, -9, and -14 (IC₅₀ are 6.1, 7.2, 7.9, and 0.24 μM, respectively). Acts as a cardioprotector in isolated perfused rat hearts.

References:

1. O'Brien, PM., et al. *J. Med. Chem.* **43**, 156, (2000).
2. Peterson, JT., et al. *Circulation* **103**, 2303 (2001).
3. Chancey, AL., et al. *Circulation* **105**, 1983 (2002).
4. Romero-Perez D., et al. *J Cardiovasc Pharmacol* **53**, 452 (2009).

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