

## PD 156252

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P10151   |
| CAS No.:             | 175592-65-1   |
| Molecular Formula:   | C <sub>53</sub> H <sub>69</sub> N <sub>7</sub> O <sub>10</sub>                            |
| Molecular Weight:    | 964.16  |
| Sequence:            | Ac-[d-Bhg]-Leu-Asp-Ile-[(N-Me)Ile]-Trp  |
| Sequence Shortening: | Ac-[d-Bhg]-LDI-[(N-Me)Ile]-W  |
| Target:              | Endothelin Receptor   |
| Pathway:             | GPCR/G Protein  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

#### Description

PD 156252 is a hexapeptide that is a highly potent endothelin (ET) antagonist. PD 156252 has enhanced binding affinity for rabbit ETA and rat ETB receptor subtypes with IC<sub>50</sub> values of 1.0 and 40 nM, respectively.

### REFERENCES

[1]. Cody WL, et al. Design of a potent combined pseudopeptide endothelin-A/endothelin-B receptor antagonist, Ac-DBhg16-Leu-Asp-Ile-[NMe]Ile-Trp21 (PD 156252): examination of its pharmacokinetic and spectral properties. J Med Chem. 1997 Jul 4;40(14):2228-40.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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