

Ac-[D-Trp16]-Endothelin-1 (16-21) (Human)

Catalog #	Source	Reactivity	Applications
CCP1630	Synthetic		
Description	Peptide to Ac-[D-Trp16]-Endothelin-1 (16-21) (Human)		
Biological Description	Displays high affinity for the ET-A receptor ($IC_{50} = 0.13 \mu M$) and inhibits the ET-1 stimulated arachidonic acid release in rabbit vascular smooth muscle cells. The hexapeptide binds specifically to the pituitary GnRH receptor exhibiting agonistic activity.		
Form	Lyophilized powder		
CAS Number	143037-33-6		
Molecular Formula	C ₄₆ H ₆₂ N ₈ O ₁₀		
Molecular Weight	887.03		
Purity	> 95%		
Chemical Structure	Ac - D - Trp - Leu - Asp - Ile - Ile - Trp		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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