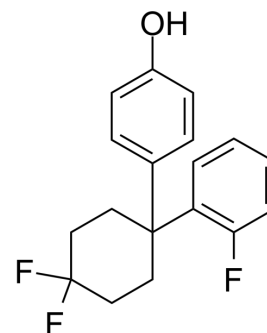


AC-186

Cat. No.:	HY-110157
CAS No.:	1421854-16-1
Molecular Formula:	C ₁₈ H ₁₇ F ₃ O
Molecular Weight:	306.32
Target:	Estrogen Receptor/ERR
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AC-186 is a selective non-steroidal estrogen receptor β (ER β) agonist with EC ₅₀ s of 6 nM and 5000 nM for ER β and ER α , respectively. AC-186 shows gender specific neuroprotection in a Parkinson's Disease rat model ^[1] .	
IC₅₀ & Target	ER β 6 nM (EC ₅₀)	ER α 5000 nM (EC ₅₀)

REFERENCES

[1]. McFarland K, et al. AC-186, a selective nonsteroidal estrogen receptor β agonist, shows gender specific neuroprotection in a Parkinson's disease rat model. ACS Chem Neurosci. 2013 Sep 18;4(9):1249-55.

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

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