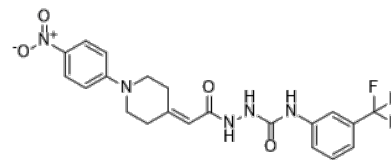


Product Name : Thyroid hormone receptor antagonist 1-850
Cat. No. : PC-28093
CAS No. : 251310-57-3
Molecular Formula : C₂₁H₂₀F₃N₅O₄
Molecular Weight : 463.42
Target : Thyroid Hormone Receptor (THR)
Solubility : 10 mM in DMSO



CAS: 251310-57-3

Biological Activity

Thyroid hormone receptor antagonist 1-850 (1-850) is a specific small molecule antagonist of **thyroid hormone receptor** (TR, THR), antagonizes the effect of T3 on TR with IC₅₀ of 1.5 uM, effectively blocks thyroid hormone-dependent gene expression.

References

- Schapira M, et al. *Proc Natl Acad Sci U S A*. 2003 Jun 10;100(12):7354-9.
Westerholz S, et al. *Neuroscience*. 2010 Jun 30;168(2):573-89.
Navarrete-Ramírez P, et al. *J Mol Endocrinol*. 2014 Feb 1;52(1):1-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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