

FUJIFILM**Wako**Code No. 254-00641 (5 mg)
250-00643 (100 mg)**YNT-185 Dihydrochloride Hydrate****YNT-185二塩酸塩水和物****(YNT-185 · 2HCl)**

YNT-185 · 2HCl is a non-peptide orexin receptor 2 (OX₂R) agonist. YNT-185 · 2HCl shows a wake-promoting effect by not just intracerebroventricular injection, but intraperitoneal injection.

Appearance : White to slightly brown, crystalline powder to powder

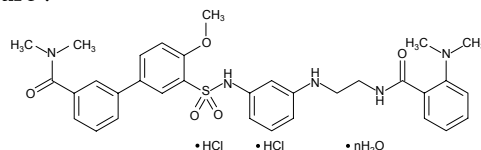
Solubility : Soluble in acidic solution, pH 2.4.
1.3 mol/L in saline, pH 2.4¹⁾

EC₅₀ : OX₂R 0.028 μmol/L (free bases)¹⁾
OX₁R 2.750 μmol/L (free bases)¹⁾

Molecular formula : C₃₃H₃₇N₅O₅S · 2HCl · nH₂O

Molecular weight : 688.66 (anhydrate)

Structure :



[Storage] Store at -20 °C with inert gas. Protect from the light.

[Packages]

Code No.	Packaging
254-00641	5 mg
250-00643	100 mg

[Reference]

1) Nagahara, T., Saitoh, T., Kutsumura, N., Irukayama-Tomobe, Y., Ogawa, Y., Kuroda, D., Gouda, H., Kumagai, H., Fujii, H., Yanagisawa, M. and Nagase, H. : *J. Med. Chem.*, **58**, 7931 (2015).

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