Product Datasheet

Cleminorexton

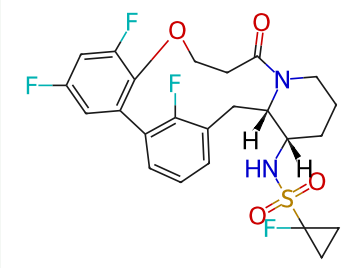
Catalog No. **BP-07752** · CAS **2980518-93-0** · Form **free base** · Physical state **solid** · Version **1.0** · Revision **2026-11-13**

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Target	Research area
Orexin Receptor (OX Receptor)	**Neurological Disease; Metabolic Disease**

Molecular formula	$C_{24}H_{24}F_4N_2O_4S$
Molecular weight	**512.5170**

STRUCTURE



DESCRIPTION

Cleminorexton is an orally active orexin-2 receptor (OX2R) agonist with a pEC50 between 9 and 10.4. Cleminorexton can be used for narcolepsy and other conditions associated with orexin deficiency and/or excessive sleepiness .

BIOLOGICAL ACTIVITY

Cleminorexton (Compound 67A/Example 47) (1-10 mg/kg, p.o., single dose) shows significant arousal-promoting activity in mouse models

SOLUBILITY

DMSO

In vitro	DMSO : ≥ 100 mg/mL

REFERENCES

[1].Gregory R. Ott, et al., Medium- or macro-cyclic benzyl-substituted heterocycle derivatives and related uses. WO2023167925A1.