

Product Datasheet

TAK-041

Catalog No. **BP-01950** · CAS **1929519-13-0** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-02**

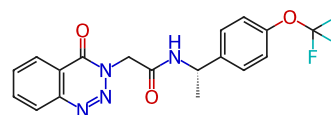
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Target GPR139	Research area Neurological Disease
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Molecular formula **C₁₈H₁₅F₃N₄O₃**

Molecular weight **392.3319**

STRUCTURE



DESCRIPTION

TAK-041 (Zelatriazin; NBI-1065846) is a potent and selective GPR139 agonist with an EC₅₀ of 22 nM. TAK-041 has the potential for the research of negative symptoms associated with schizophrenia .

BIOLOGICAL ACTIVITY

In Vivo

Zelatriazin (0.03-3 mg/kg; P.o.) improves social behavior in BALB/c mice[1].

SOLUBILITY

Soluble in DMSO 100 mg/mL

REFERENCES

[1]. Reichard, Holly A et al. "Discovery of TAK-041: a Potent and Selective GPR139 Agonist Explored for the Treatment of Negative Symptoms Associated with Schizophrenia. Journal of medicinal chemistry vol. 64,15 (2021): 11527-11542.

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