



biochemicals

Manufactured by **VDM Biochemicals.LLC**

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Product Data Sheet

Product name: **FBPase-1 Inhibitor**

Cat. number: **VD-OEIA-10014**

CAS Number: **883973-99-7**

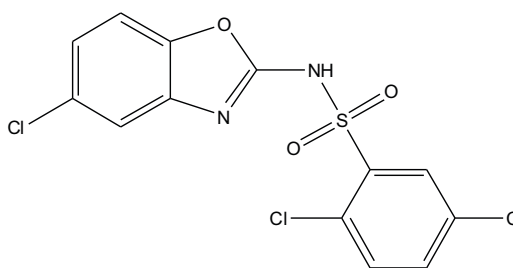
Lot number: **VD4101504**

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Personal protective equipment

■ Lab coat.

■ Safety glasses.



Product Specification

Formula: C₁₃H₇Cl₃N₂O₃S

MW: 377.6

Purity: ≥97% by HPLC

Appearance: Off-white solid

Solubility: DMSO

Storage: +2°C to +8°C. **Protect from light.**

Synonyms: F16BPase Inhibitor

Product Description:

A cell-permeable benzoxazolo-sulfonamide compound that inhibits hFBPase-1 (human fructose-1,6-bisphosphatase) enzymatic activity (IC₅₀ = 3.4 μM) by competing at the AMP allosteric binding site. Shown to block glucose production in starved rat hepatoma cells (IC₅₀ = 6.6 μM).

Product References

1.Lai, C., et al. 2006. Bioorg. Med. Chem. Lett. 16, 1807.

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