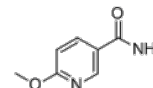


Product Name : JBSNF-000088
Cat. No. : PC-63249
CAS No. : 7150-23-4
Molecular Formula : C₇H₈N₂O₂
Molecular Weight : 152.153
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

JBSNF-000088 (6-Methoxynicotinamide) is a small molecule nicotinamide analog that inhibits **Nicotinamide N-methyltransferase (NNMT)** with IC₅₀ of 1.8, 2.8 and 5.0 μM for human, monkey and mouse NNMT, respectively. JBSNF-000088 reduces body weight, improves insulin sensitivity and normalizes glucose tolerance in mice with high fat diet (HFD)-induced obesity. JBSNF-000088 also improves glucose handling in ob/ob and db/db mice albeit to a lesser extent and in the absence of weight loss.

References

Kannt A, et al. *Sci Rep.* 2018 Feb 26;8(1):3660.

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

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