



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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CERTIFICATE OF ANALYSIS

Product name: **LSN 2463359**

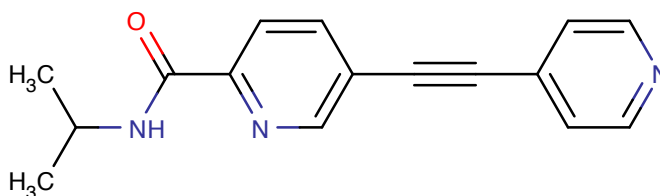
Cat. number: **VD-TMR-0011**

CAS Number: **1401031-52-4**

Lot number: **VD17-7779066**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₆ H ₁₅ N ₃ O
MW:	265.31
Purity:	>=99%.
Appearance:	Off-white solid.
Solubility:	100 mM in DMSO and to 20 mM in ethanol.
Storage:	+4°C.
Synonyms:	N-(propan-2-yl)-5-[2-(pyridin-4-yl)ethynyl]pyridine-2-carboxamide

Product Description

LSN 2463359 (CAS 1401031-52-4) is a potent and selective positive allosteric modulator at the mGlu5 receptor (EC₅₀ = 24 nM). Has no activity at mGlu1-4, mGlu8 and GABAB receptors. Reverses methylazoxymethanol acetate (MAM)-induced deficits in reversal learning memory and normalizes SDZ 220-581 and RO 63-1908-induced alterations in instrumental responses in rat models. Promotes wakefulness in vivo. Brain penetrant and orally active.

Quality control department:

This material is chemically synthesized. Made in USA

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE