

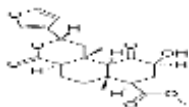
PRODUCT: Salvinorin B**RELATED PRODUCTS:**

Clozapine N-Oxide (**B1925**)
DREADD Agonist 21 (**B1924**)
Salvinorin B (**B1923**)

ALTERNATE NAMES: (2*S*,4*aR*,6*aR*,7*R*,9*S*,10*aS*,10*bR*)-2-(3-Furanyl)dodecahydro-9-hydroxy-6*a*,10*b*-dimethyl-4,10-dioxo 2H-naphtho[2,1-*c*]pyran-7-carboxylic acid methyl ester, Divinorin B

CATALOG NUMBER: B1923-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₁H₂₆O₇

MOLECULAR WEIGHT: 390.43

CAS NUMBER: 92545-30-7

APPEARANCE: White solid

SOLUBILITY: DMSO (~5 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Salvinorin B is a potent and selective κ-opioid DREADD (KORD) agonist (EC₅₀ = 11.8 nM). DREADDs are chemogenetic tools widely used to remotely control cellular signaling, neuronal activity, and behavior. Displays no analgesic or ataxic effects in wild type mice.

REFERENCES: Vardy, E., *et al.* (2015). *Neuron* **86**, 936-946.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: ***FOR RESEARCH USE ONLY! Not to be used in humans***