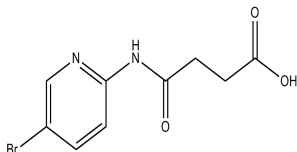


PRODUCT: BikininALTERNATE NAME: 4-((5-Bromo-2-pyridinyl)amino)-4-oxobutanoic acid;
Arabidopsis GSK-3 Inhibitor

CATALOG #: 2034-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:

MOLECULAR FORMULA: C₉H₉BrN₂O₃

MOLECULAR WEIGHT: 273.08

CAS NUMBER: 188011-69-0

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: ≥95% by HPLC

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

DESCRIPTION: Cell-permeable. A highly specific inhibitor for the 7 *Arabidopsis* GSK-3 like kinase that activates brassinosteroid (BR) signaling downstream of the BR receptor. Bikinin directly binds the GSK3 BIN2 and acts as an ATP-competitive inhibitor. Furthermore, bikinin inhibits the activity of six other *Arabidopsis* GSK3s.REFERENCE: De Rybel B., *et al.* (2009). *Chem. Biol.* **16**, 594-604.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Alsterpaullone (Cat. No. 1897-1, 5)
1-Azakenpaullone (Cat. No. 1944-1, 5)
BIO (Cat. No. 1673-1)
Bisindolylmaleimide I (Cat. No. 1945-1, 5)
Bisindolylmaleimide I hydrochloride (Cat. No. 1947-1, 5)
CHIR CHIR99021 (Cat. No. 1677-5, 25)
EZSolution™ CHIR99021 (Cat. No. 1748-5)
EZSolution™ CHIR99021, Sterile-Filtered (Cat. No. 1991-1)
GSK-3 Inhibitor, TWS119 (Cat. No. 1655-2)
Kenpaullone (Cat. No. 1904-1)
Ro 31-8220 methanesulfonate (Cat. No. 1946-1, 5)
SB-216763 (Cat. No. 1769-1, 5)

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