

Product Name : Methyliodobikinin

Synonyms : —

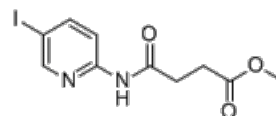
Cat No. : M10633

CAS Number : 1186336-04-8

Molecular Formula : C₁₀H₁₁IN₂O₃

Formula Weight : 334.11

Chemical Name : Methyl 4-((5-iodopyridin-2-yl)amino)-4-oxobutanoate



Description : Methyliodobikinin is a potent bikinin-like inhibitor targeting GSK3/Shaggy-like kinase, shows improved cell permeability, highly potent in vivo although it had lower activity in vitro; activates brassinosteroid (BR) signalling and mimic BR action, 3.4 times more active in vivo than bikinin.

Pathway : PI3K/Akt/mTOR signaling

Target : GSK-3

Receptor : GSK-3

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Rozhon W, et al. BMC Plant Biol. 2014 Jun 19;14:172.