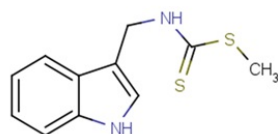


Product Name	: Brassinin
Synonyms	: Brassinine; CCG-208623; HE-005916; HE005916
Cat No.	: M17788
CAS Number	: 105748-59-2
Molecular Formula	: C ₁₁ H ₁₂ N ₂ S ₂
Formula Weight	: 236.35
Chemical Name	: methyl ((1H-indol-3-yl)methyl)carbamodithioate
Description	: Brassinin is an indoleamine-2,3-dioxygenase inhibitor found in cruciferous vegetables. It induces cell cycle arrest and apoptosis in prostate cancer cells and inhibits DMBA-induced skin tumor formation in vivo.
Pathway	: Others
Target	: Other Targets
Receptor	: PIAS-3;SOCS-3
Solubility	: —
SMILES	: <chem>CSC(=S)NCC1=CNC2=CC=CC=C21</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Kim SM,etal.Brassinin induces apoptosis in PC-3 human prostate cancer cells through the suppression of PI3K/Akt/mTOR/S6K1 signaling cascades.Phytother Res. 2014 Mar;28(3):423-31.