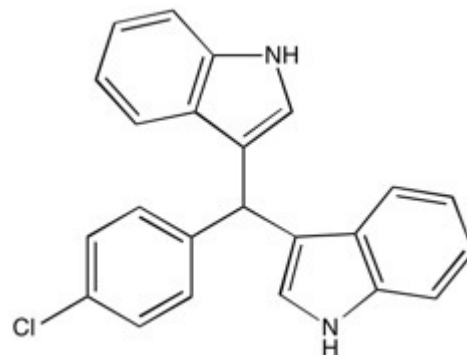


C-DIM 12, NFkB inhibitor; Nurr1 inhibitor

Catalog	Unit
TBI3280-5MG	5 mg
TBI3280-25MG	25 mg

Product Details

Formal Name: 3,3'-[(4-Chlorophenyl)methylene]bis[1H-indole]
Molecular Formula: C₂₃H₁₇ClN₂
Formula Weight: 356.85
CAS Number: 178946-89-9
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 35 mg/ml).
Storage: -20°C
Stability: ≥ 1 year.



Applications

NFkB inhibitor; Nurr1 inhibitor

Functions

Activates the orphan nuclear receptor Nurr1 and inhibits bladder cancer growth. Nurr1 is a suppressor of NFkB-related neuroinflammatory genes in microglia and astrocytes and C-DIM 12 suppresses inflammatory signaling in these cells. Displays neuroprotective activity in a mouse model of progressive neurodegeneration with a strong neuroinflammatory component (50 mg/Kg, oral).

Application Procedures

First dissolved in DMSO (up to 35 mg/ml) or in Ethanol (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.