

Catalog	Unit
TBI2660-5MG	5 mg
TBI2660-25MG	25 mg

Product Details

Formal Name: 2-[2-[(3,5-Dimethyl-1H-pyrrol-2-yl)methylene]-3-methoxy-2H-pyrrol-5-yl]-1H-indole methanesulfonate

Alternate Names: GX15-070

Molecular Formula: C₂₀H₁₉N₃O · CH₃SO₃H

Formula Weight: 413.50

CAS Number: 803712-79-0

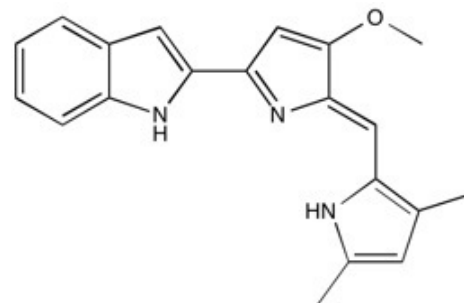
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Bcl-2 antagonist. Induces apoptosis

Functions

A novel Bcl-2 homology domain-3 (BH3) mimetic. Inhibits primary acute myeloid leukemia (AML) progenitor cell proliferation (IC₅₀=0.18 μM) and induces apoptosis in primary AML cells (IC₅₀= 3.6 μM). Synergizes with other agents such as chloroquine and cytarabine in cytotoxicity against a variety of cancer cells.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.