

LM11

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	LM11 is a transglutaminase 2 (TG2) inhibitor that exhibits activity against glioblastoma cells by maintaining TG2 in a cytotoxic conformational state.
Targets(IC50)	Glutaminase
In vitro	LM11 inhibits the migration of MDA-MB-231 cells in a dose-dependent manner (0.1-100 μM, 6 h) under EGF stimulation. At a concentration of 100 μM for 16 hours, LM11 also reduces the viability of MDA-MB-231 cells, resulting in a 60% mortality rate.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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