

PROTAC ER $\alpha$  Degradator-6

## Chemical Properties

CAS No. :

Formula: C<sub>51</sub>H<sub>56</sub>N<sub>6</sub>O<sub>8</sub>S

Molecular Weight:

Keep away from direct sunlight

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	PROTACER $\alpha$ Degradator-6 (compound A3) is an effective PROTAC degrader of ER $\alpha$ with an IC <sub>50</sub> of 0.12 $\mu$ M in the MCE-7 cell line. It exhibits antitumor activity and serves as a fluorescent probe with an emission wavelength of 582 nm, enabling real-time visualization of ER $\alpha$ protein degradation.
Targets(IC <sub>50</sub> )	Estrogen Receptor/ERR,PROTACs
In vitro	PROTAC ER $\alpha$ Degradator-6 (compound A2) demonstrates significant anti-proliferative activity in MCF-7 cells with an IC <sub>50</sub> of 0.11 $\mu$ M. Additionally, PROTAC ER $\alpha$ Degradator-6 offers excellent fluorescence imaging capabilities at $\lambda$ = 582 nm.

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

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