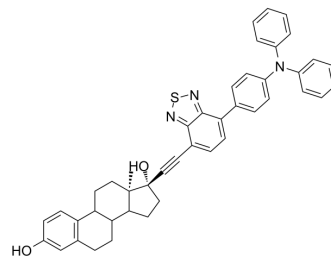


PSDalpha

Cat. No.:	HY-144314
Molecular Formula:	C ₄₄ H ₃₉ N ₃ O ₂ S
Molecular Weight:	673.86
Target:	Estrogen Receptor/ERR
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PSDalpha is an ER α degrader conjugating photosensitizer (PS), triphenylamine benzothiadiazole (TB) and 17 β -estradiol via an acetylene bond. PSDalpha shows excellent anti-proliferation performance on MCF-7 cells. The maximum absorption wavelength of PSDalpha in the visible region is located at 465 nm ^[1] .
IC ₅₀ & Target	ER α

REFERENCES

[1]. Silong Zhang, et al. Activable Targeted Protein Degradation Platform Based on Light-triggered Singlet Oxygen. J Med Chem. 2022 Feb 24;65(4):3632-3643.

Caution: Product has not been fully validated for medical applications. For research use only.

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