



Tenova
Pharma

Chemistry for Life Sciences

www.tenovapharma.com
E: info@tenovapharma.com
T: 858-866-8774

Product Name:

BODIPY FL Thalidomide

Catalog Number:

T52674

Description:

BODIPY FL Thalidomide is a high-affinity fluorescent probe for the human Cereblon protein, with a K_d value of 3.6 nM. The BODIPY FL thalidomide-mediated Cereblon Time-Resolved Fluorescence Resonance Energy Transfer (TR-FRET) assay, is highly sensitive, selective, and stable.

Physical and Chemical Properties:

Molecular Formula: C₃₇H₄₃BF₂N₆O₇

Molecular Weight: 732.59

Physical Appearance: Red solid

Purity: ≥95%

Optical Properties:

Abs/Em Maxima: 503/509 nm.

Solubility:

DMSO

Storage:

Store at -20°C and protected from light.

Shelf Life:

12 months after the date of delivery.

References:

Lin, W., Li, Y., Min, J., Liu, J., Yang, L., Lee, R. E., & Chen, T. (2020). Development of BODIPY FL Thalidomide As a High-Affinity Fluorescent Probe for Cereblon in a Time-Resolved Fluorescence Resonance Energy Transfer Assay. *Bioconjugate Chemistry*, 31(11), 2564–2575. <https://doi.org/10.1021/acs.bioconjchem.0c00507>

Caution:

For Research Use Only.
