AE 51310

OPN4/Melanopsin antagonist

AE 51310 is a potent antagonist of the GPCR OPN4/melanopsin. OPN4 regulates circadian rhythms, pupil functions, melatonin expression, cognition, and sleep. AE 51310 decreased the growth and proliferation of both LG17 and LG55 lung cancer tumors in mouse xenograft models.

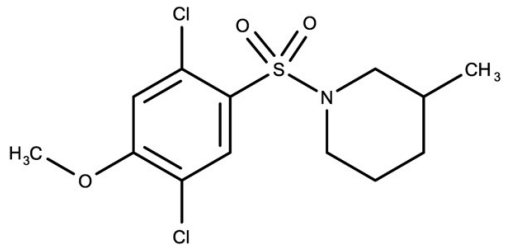
Ordering Information

Order Online »

ENZ-CHM476-0025	25mg

Manuals, SDS & CofA

View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(2,5-Dichloro-4-methoxyphenyl)sulfonyl-3-methylpiperidine
Appearance	White solid.
CAS	433966-92-8
Couple Target	Melanopsin
Couple Type	Inhibitor
Formula	$C_{13}H_{17}Cl_2NO_3S$
Identity	Determined by NMR.
MW	338.24
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (>25 mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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