

Circadian Clock

KL001

Cryptochrome activator that prevents ubiquitin-dependent degradation resulting in lengthening of the circadian period.¹

Product No: 10-1411 5 mg 25 mg

KL101

Isoform-selective stabilizer of the circadian clock protein CRY1. Does-dependently lengthened the circadian period in Bmal1-dLuc and Per2-dLuc reporter cells.²

Product No: 10-3907 5 mg 25 mg

TH301

Isoform-selective stabilizer of the circadian clock protein CRY2. Does-dependently lengthened the circadian period in Bmal1-dLuc and Per2-dLuc reporter cells.²

Product No: 10-3909 5 mg 25 mg

SRT1720 HCl

SIRT1 activator that represses circadian clock gene expression.³

Product No: 10-4628 5 mg 25 mg

Nobiletin

Natural product that possesses circadian clock amplitude-enhancing properties and was able to prevent metabolic syndrome in mice *via* a *Clock* gene-dependent mechanism.⁴

Product No: 10-4763 10 mg 50 mg

SR1001

Dual ROR α / γ t inverse agonist reduced circadian amplitude without affecting the circadian period in Per2-dLuc reporter mice.⁵

Product No: 10-1290 5 mg 25 mg

SR8278

REV-ERB α antagonist that shortens the period of circadian oscillations.^{6,7}

Product No: 10-1506 5 mg 25 mg

SR3335

Selective ROR α inverse agonist.⁸

Product No: 10-4068 5 mg 25 mg

GSK2945

Potent and selective (>1000-fold selectivity against LXR α) REV-ERB α agonist.⁹

Product No: 10-4070 5 mg 25 mg

GO289

Potent and selective casein kinase 2 (CK2) inhibitor that strongly lengthens the circadian period.¹⁰

Product No: 10-4678 5 mg 25 mg

PF-670462

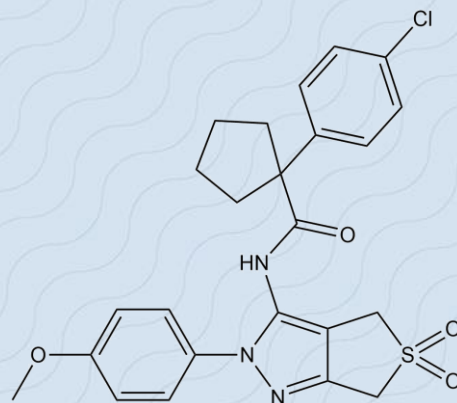
Potent and selective casein kinase 1 δ/ϵ (CK1 δ/ϵ) inhibitor that induces phase delays in circadian rhythms.^{11,12}

Product No: 10-4692 5 mg 25 mg

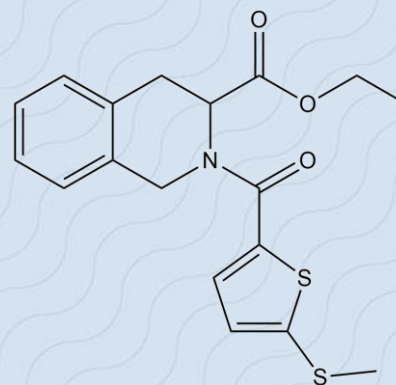
Dexamethasone

Induces circadian gene expression in peripheral tissues.¹³

Product No: 10-1134 1 g 5 g



TH301



SR8278

REFERENCES

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6. Chen *et al.* (2015) *Chronobiol. Int.* **32** 739
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