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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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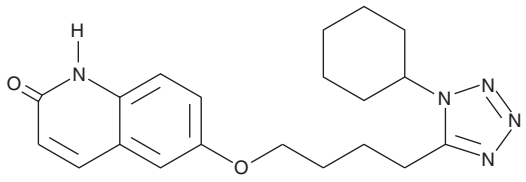
PRODUCT INFORMATION

3,4-dehydro Cilostazol

Item No. 35075

CAS Registry No.:	73963-62-9
Formal Name:	6-[4-(1-cyclohexyl-1H-tetrazol-5-yl) butoxy]-2(1H)-quinolinone
Synonym:	OPC 13015
MF:	$C_{20}H_{25}N_5O_2$
FW:	367.4
Purity:	≥90%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

3,4-dehydro Cilostazol is supplied as a solid. A stock solution may be made by dissolving the 3,4-dehydro cilostazol in the solvent of choice, which should be purged with an inert gas. 3,4-dehydro Cilostazol is soluble in DMSO.

Description

3,4-dehydro Cilostazol is an active metabolite of the PDE3A inhibitor cilostazol (Item No. 15035).[1,2] It is formed from cilostazol by the cytochrome P450 (CYP) isoforms CYP3A4 and CYP2C19.

References

1. Suri, A., Forbes, W.P., and Bramer, S.L. Effects of CYP3A inhibition on the metabolism of cilostazol. *Clin. Pharmacokinet.* **37(Suppl 2)**, 61-68 (1999).
2. Liu, Y., Shakur, Y., Yoshitake, M., *et al.* Cilostazol (pletal): A dual inhibitor of cyclic nucleotide phosphodiesterase type 3 and adenosine uptake. *Cardiovasc. Drug Rev.* **19(4)**, 369-386 (2001).

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