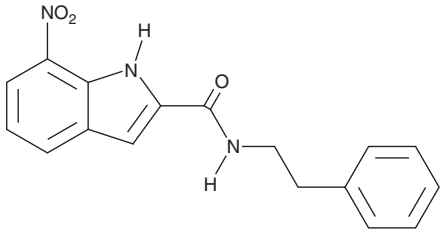
PRODUCT INFORMATION

CCT129957

Item No. 46407



CAS Registry No.: 883098-58-6
Formal Name: 7-nitro-N-(2-phenylethyl)-1H-indole-2-carboxamide
MF: $C_{17}H_{15}N_3O_3$
FW: 309.3
Purity: ≥98%
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

CCT129957 is supplied as a solid. A stock solution may be made by dissolving the CCT129957 in the solvent of choice, which should be purged with an inert gas. CCT129957 is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

CCT129957 is an inhibitor of phospholipase Cγ2 (PLCγ2; IC_{50} = 1-5 µM).[1] It inhibits EGF-induced calcium release in A431 squamous carcinoma cells. CCT129957 reduces the growth of UO-31 renal and T47D breast cancer cells.[2]

References

1. Reynisson, J., Court, W., O'Neill, C., *et al.* The identification of novel PLC-γ inhibitors using virtual high throughput screening. *Bioorg. Med. Chem.* **17(8),** 3169-3176 (2009).
2. Feng, L., Reynisdóttir, I., and Reynisson, J. The effect of PLC-γ2 inhibitors on the growth of human tumour cells. *Eur. J. Med. Chem.* **54,** 463-469 (2012).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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