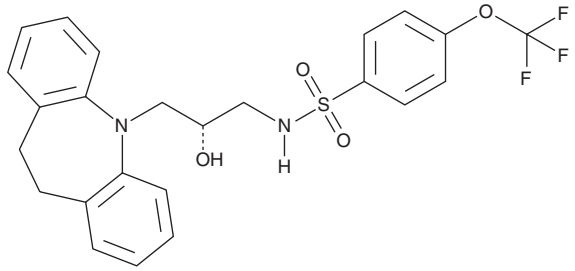
PRODUCT INFORMATION

RTC-30

Item No. 45373

CAS Registry No.:	1423077-95-5
Formal Name:	N-[(2R)-3-(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)-2-hydroxypropyl]-4-(trifluoromethoxy)-benzenesulfonamide
MF:	$C_{24}H_{23}F_3N_2O_4S$
FW:	492.5
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

RTC-30 is supplied as a solid. A stock solution may be made by dissolving the RTC-30 in the solvent of choice, which should be purged with an inert gas. RTC-30 is sparingly soluble (1-10 mg/ml) in DMSO and ethanol.

Description

RTC-30 is a dibenzazepine-containing compound.[1] It reduces the viability of NCI H1650 lung adenocarcinoma cells (GI_{50} = 15 µM), which are resistant to erlotinib (Item Nos. 10483 | 35517). RTC-30 contains a hydroxylated linker, which increases oral bioavailability compared with the similar compound RTC-5 in which the linker is not hydroxylated.

Reference

1. Kastrinsky, D. B., Sangodkar, J., Zaware, N., *et al.* Reengineered tricyclic anti-cancer agents. *Bioorg. Med. Chem.* **23(19)**, 6528–6534 (2015).

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
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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