# Diacylglycerol Kinase Inhibitor II (R59 949)

## Potentiates PKC activity

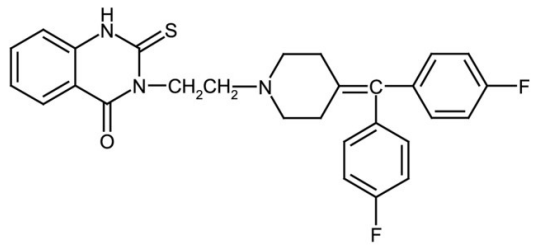
Inhibitor of diacylglycerol kinase in intact cells ($IC_{50}$=0.12µM) and in isolated membranes ($IC_{50}$=0.3µM). More potent analog of R59 022 (Prod. No. ALX-430-027). Useful for elucidating roles of protein kinase C (PKC).

**Citations:** 5 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-430-028-M005** | 5mg |
| **ALX-430-028-M025** | 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** | +4°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | 3-[2-[4-[bis(4-Fluorophenyl)methylene]-1-piperidinyl]ethyl]-2,3-dihydro-2-thioxo-4(1H)-quinazolinone |
| **Appearance** | White to off-white powder. |
| **CAS** | 120166-69-0 |
| **Couple Target** | Diacylglycerol kinase |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{28}H_{25}F_2N_3OS$ |
| **MW** | 489.6 |
| **Purity** | ≥98% (HPLC) |
| **Solubility** | Soluble in dichloromethane, ethyl acetate, tetrahydro-furan, DMSO (33mg/ml) or dimethyl formamide; almost insoluble in water. |

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