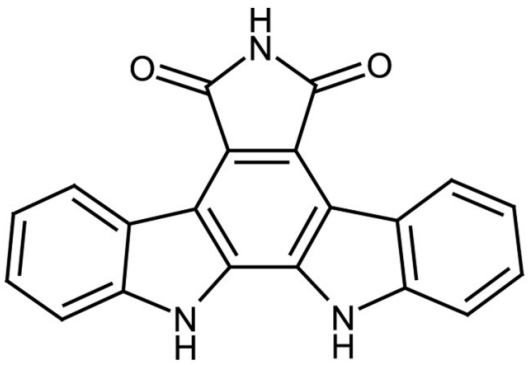
# Arcyriaflavin A

## CDK4/cyclin D1 inhibitor

Potent inhibitor of CDK4 / cyclin D1 ($IC_{50}$ = 59nM). Inhibits human cytomegalovirus (HCMV) replication in cell culture ($IC_{50}$ = 200nM).

**Citations:** 5 View Online »

## Manuals, SDS & CofA View Online »

| | |
|---|---|
|  | |

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months at -20°C. |
| **Handling** | Protect from light. Packaged under inert gas. After reconstitution, prepare aliquots and store at -20°C. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Appearance** | Orange to red solid. |
| **CAS** | 118458-54-1 |
| **Couple Target** | CDK, Cyclin |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{20}H_{11}N_3O_2$ |
| **MW** | 325.3 |
| **Purity** | ≥95% (HPLC) |
| **Solubility** | Soluble in DMSO (50mg/ml). |
| **Source** | Synthetic. Originally isolated from the marine ascidian *Eudistoma* sp. |

**Last modified: May 29, 2024**

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.