Chromomycin A3

Transcription inhibitor

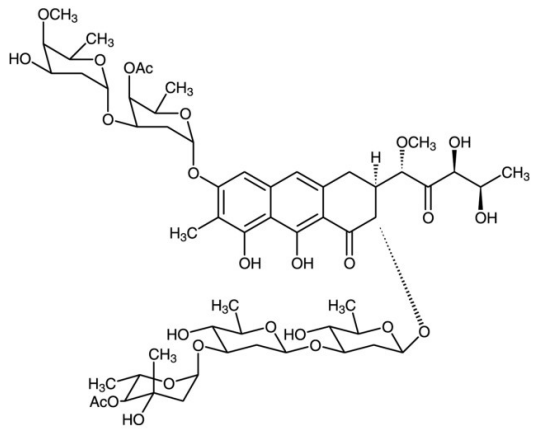
Chromomycin A_3 is a GC-specific DNA ligand which inhibits transcription. It may be used as a fluorescent DNA stain. Antibiotic. Cell permeable fluorescent dye that cann be used with Bisbenzimide H33258 to distinguish chromosomes by their total DNA concentration and their DNA base composition. Does not intercalate. Ex(max): 445nm; Em(max): 575nm

Citations: 4 View Online »

Ordering Information Order Online »

BML-GR302-0010	10mg

Manuals, SDS & CofA View Online »


OCH3
CH3
HO
O
OAc
CH3
O
O
H
OCH3
OH
CH3
O
OH
H3C
OH
OH
O
H3C
H3C
HO
O
HO
O
O
O
CH3
H3C
AcO
O
HO

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Yellow solid.
CAS	7059-24-7
Couple Target	DNA
Couple Type	Ligand
Formula	$C_{57}H_{82}O_{26}$
MW	1183.3
Purity	≥98% (TLC)
Solubility	Soluble in 100% ethanol, DMSO or ethyl acetate (10mg/ml)
Source	Isolated from *Streptomyces griseus*

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.