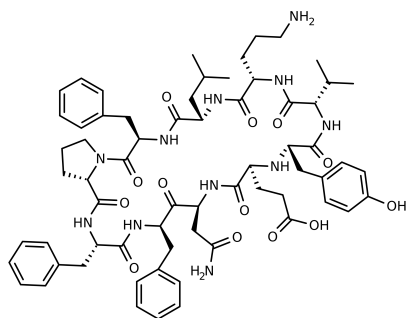


Figure 3-figure supplement 1

Tyrosinricin Antibiotic



MW (RDKit)
1227.633

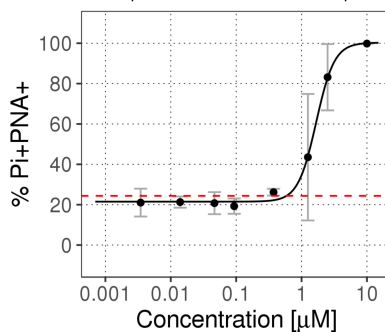
QED (RDKit)
0.063

SlogP (RDKit)
1.138

TPSA (RDKit)
379.75

RFM-011-941-5

Hill slope: 3.133 EC50: 1.675 μ M



EC50 [μM]
1.67

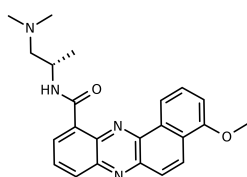
Efficacy [% induction]
84

Hek CC50 [μM]
1.791

HepG2 CC50 [μM]
0

MIn 576

DNA topoisomerase II inhibitor



MW (RDKit)
388.19

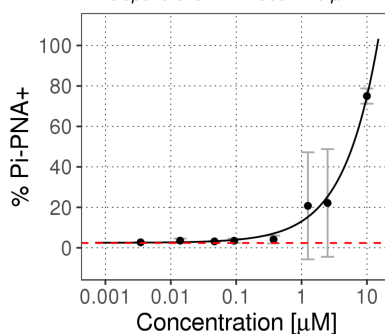
QED (RDKit)
0.418

SlogP (RDKit)
3.625

TPSA (RDKit)
67.35

RFM-008-110-7

Hill slope: 0.846 EC50: >10 μ M



EC50 [μM]
>10

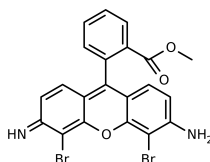
Efficacy [% induction]
76

Hek CC50 [μM]
0.686

HepG2 CC50 [μM]
0.574

Th-9402

Immunosuppressant



MW (RDKit)
499.937

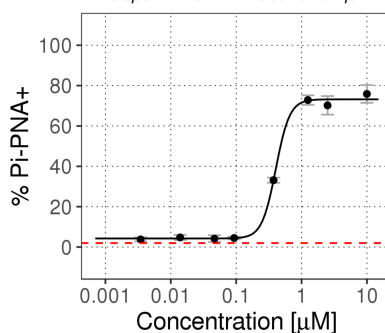
QED (RDKit)
0.213

SlogP (RDKit)
5.578

TPSA (RDKit)
89.31

RFM-006-521-4

Hill slope: 4.118 EC50: 0.404 μ M



EC50 [μM]
0.4

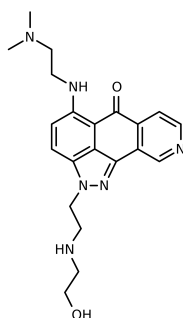
Efficacy [% induction]
76

Hek CC50 [μM]
0

HepG2 CC50 [μM]
0

Topixantrone

DNA topoisomerase II inhibitor



MW (RDKit)
394.212

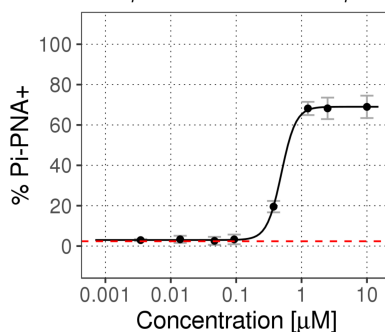
QED (RDKit)
0.367

SlogP (RDKit)
1.198

TPSA (RDKit)
95.31

RFM-009-126-9

Hill slope: 3.952 EC50: 0.491 μ M



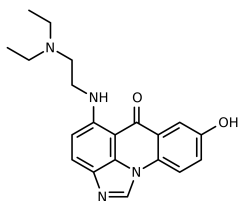
EC50 [μM]
0.49

Efficacy [% induction]
72

Hek CC50 [μM]
1.443

HepG2 CC50 [μM]
0.658

Imidazoacridinone
DNA topoisomerase II inhibitor

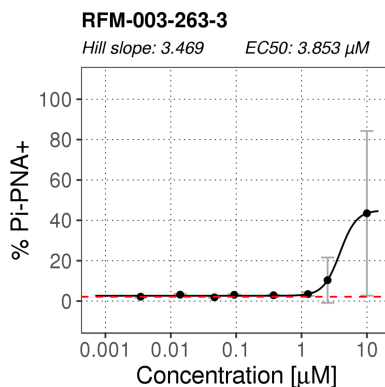


MW (RDKit)
350.174

QED (RDKit)
0.523

SlogP (RDKit)
2.898

TPSA (RDKit)
69.87



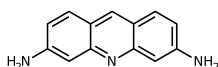
EC50 [μ M]
3.85

Efficacy [% induction]
71

Hek CC50 [μ M]
0.817

HepG2 CC50 [μ M]
0.476

Proflavine
DNA synthesis intercalator

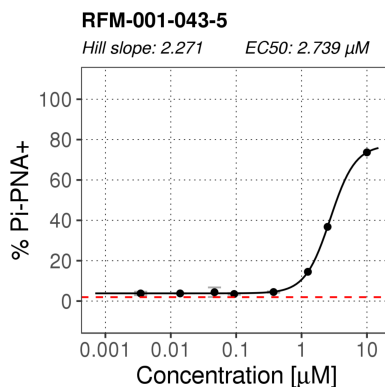


MW (RDKit)
209.095

QED (RDKit)
0.441

SlogP (RDKit)
2.552

TPSA (RDKit)
64.93



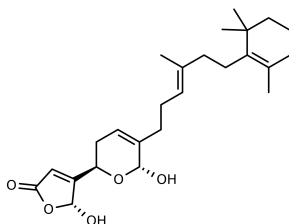
EC50 [μ M]
2.74

Efficacy [% induction]
71

Hek CC50 [μ M]
0

HepG2 CC50 [μ M]
0

Manoalide
Ornithin Decarboxylase/PLA2 inhibitor

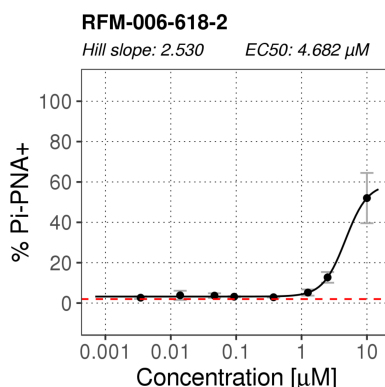


MW (RDKit)
416.256

QED (RDKit)
0.458

SlogP (RDKit)
4.855

TPSA (RDKit)
75.99



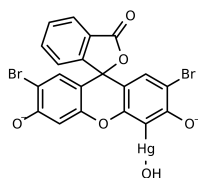
EC50 [μ M]
4.68

Efficacy [% induction]
59

Hek CC50 [μ M]
2.781

HepG2 CC50 [μ M]
3.522

Merbromin
Carbonic anhydrase II inhibitor

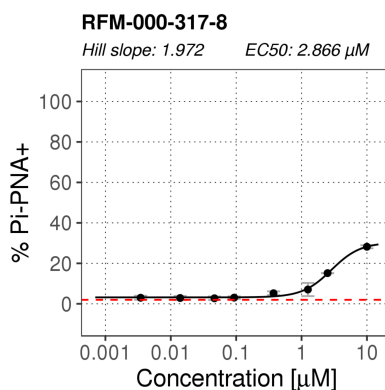


MW (RDKit)
703.841

QED (RDKit)
0.309

SlogP (RDKit)
2.542

TPSA (RDKit)
101.88



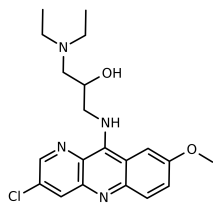
EC50 [μ M]
2.86

Efficacy [% induction]
27

Hek CC50 [μ M]
0

HepG2 CC50 [μ M]
0

Acranil
Antiprotozoal



MW (RDKit)
387.171

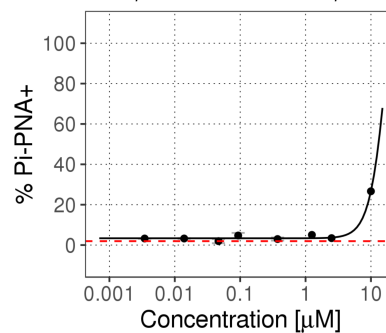
QED (RDKit)
0.568

SlogP (RDKit)
4.165

TPSA (RDKit)
57.62

RFM-000-968-7

Hill slope: 3.134 EC50: >10 μ M



EC50 [μ M]
>10

Efficacy [% induction]
25

Hek CC50 [μ M]
1.136

HepG2 CC50 [μ M]
2.827