Synonyms:

6,6',7,12-tetramethoxy-2,2'-dimethyl-9',10',11',12',13',14'-hexadehydro-9',10',11',12',13',14'-hexahydroberbaman (ACD/Na
(+)-Tetrandrine
d-Tetrandrine
Berbaman, 6,6',7, 12-tetramethoxy-2,2'-dimethyl-, (1.beta.)-
D-Tetrandrine
NSC 77037
Tetrandrin
Tetrandrine
TETRANDRINE

CAS: 23495-89-8
NSC: 91771
Formula: C38H42N2O6
Rings: 7
Atoms: 88
Weight: 622.75
H-Donors: 0
H-Acceptors: 8
Rotatable bonds: 4
Smiles: N1(CCc2cc(c(c3Oc4c(cc5CCN([C@H](c5c4)Cc4
ccc(Oc5cc(ccc5OC)C[C@H]1c23)cc4)C)OC)OC)OC)C
Toxicity:

Celline	Tox Value	Tox Type
NCI-H23	4	nlog(LC50)
NCI-H522	4	nlog(LC50)
A549/ATCC	4	nlog(LC50)
EKVX	4	nlog(LC50)
NCI-H226	4	nlog(LC50)
NCI-H322M	4	nlog(LC50)
HOP-92	4	nlog(LC50)
HT29	4	nlog(LC50)
HCT-116	4	nlog(LC50)
SW-620	4	nlog(LC50)
COLO 205	4	nlog(LC50)
KM12	4	nlog(LC50)
MCF7	4	nlog(LC50)
NCI/ADR-RES	4	nlog(LC50)
MDA-MB-231/ATCC	4	nlog(LC50)
Hs 578T	4	nlog(LC50)
MDA-MB-435	4	nlog(LC50)
MDA-N	4	nlog(LC50)
BT-549	4	nlog(LC50)
T-47D	4	nlog(LC50)
OVCAR-5	4	nlog(LC50)
OVCAR-8	4	nlog(LC50)
IGROV1	4	nlog(LC50)
SK-OV-3	4	nlog(LC50)
CCRF-CEM	4	nlog(LC50)
K-562	4	nlog(LC50)
MOLT-4	4	nlog(LC50)
HL-60(TB)	4	nlog(LC50)
SR	4	nlog(LC50)
UO-31	4	nlog(LC50)

SN12C	4	nlog(LC50)
A498	4	nlog(LC50)
CAKI-1	4	nlog(LC50)
786-0	4	nlog(LC50)
TK-10	4	nlog(LC50)
LOX IMVI	4	nlog(LC50)
Malme-3M	4	nlog(LC50)
SK-MEL-2	4	nlog(LC50)
SK-MEL-5	4	nlog(LC50)
SK-MEL-28	4	nlog(LC50)
M14	4	nlog(LC50)
UACC-62	4	nlog(LC50)
UACC-257	4	nlog(LC50)
PC-3	4	nlog(LC50)
DU-145	4	nlog(LC50)
SNB-19	4	nlog(LC50)
SNB-75	4	nlog(LC50)
U251	4	nlog(LC50)
SF-268	4	nlog(LC50)
SF-295	4	nlog(LC50)
SF-539	4	nlog(LC50)
ACHN	4.029	nlog(LC50)
HOP-62	4.111	nlog(LC50)
OVCAR-3	4.156	nlog(LC50)
NCI-H226	4.177	nlog(LC50)
SK-OV-3	4.183	nlog(LC50)
OVCAR-4	4.185	nlog(LC50)
SF-295	4.185	nlog(LC50)
Hs 578T	4.217	nlog(LC50)
OVCAR-5	4.224	nlog(LC50)
HL-60(TB)	4.232	nlog(LC50)
DU-145	4.246	nlog(LC50)
UACC-62	4.252	nlog(LC50)
EKVX	4.263	nlog(LC50)
NCI-H322M	4.264	nlog(LC50)
CAKI-1	4.266	nlog(LC50)
IGROV1	4.273	nlog(LC50)
SN12C	4.273	nlog(LC50)
Malme-3M	4.277	nlog(LC50)
NCI-H23	4.281	nlog(LC50)
ACHN	4.283	nlog(LC50)
HOP-92	4.284	nlog(LC50)
COLO 205	4.292	nlog(LC50)
BT-549	4.292	nlog(LC50)
TK-10	4.299	nlog(LC50)
SF-268	4.3	nlog(LC50)
P388/ADR	4.301	nlog(LC50)
SK-MEL-28	4.303	nlog(LC50)
SR	4.321	nlog(LC50)
UO-31	4.321	nlog(LC50)
RPMI-8226	4.33	nlog(LC50)
A549/ATCC	4.335	nlog(LC50)
NCI/ADR-RES	4.342	nlog(LC50)
SNB-19	4.348	nlog(LC50)

T-47D	4.352	nlog(LC50)
DLD-1	4.356	nlog(LC50)
786-0	4.356	nlog(LC50)
OVCAR-8	4.359	nlog(LC50)
A498	4.359	nlog(LC50)
MDA-N	4.364	nlog(LC50)
HCT-15	4.367	nlog(LC50)
P388	4.369	nlog(LC50)
SNB-78	4.369	nlog(LC50)
MDA-MB-435	4.372	nlog(LC50)
K-562	4.374	nlog(LC50)
MCF7	4.375	nlog(LC50)
NCI-H23	4.389	nlog(LC50)
HCT-116	4.391	nlog(LC50)
KM12	4.397	nlog(LC50)
Hs 578T	4.4	nlog(LC50)
CCRF-CEM	4.411	nlog(LC50)
NCI/ADR-RES	4.414	nlog(LC50)
MOLT-4	4.417	nlog(LC50)
T-47D	4.418	nlog(LC50)
UACC-257	4.418	nlog(LC50)
SW-620	4.422	nlog(LC50)
SK-MEL-5	4.426	nlog(LC50)
PC-3	4.43	nlog(LC50)
HOP-18	4.435	nlog(LC50)
U251	4.435	nlog(LC50)
IGROV1	4.437	nlog(LC50)
NCI-H226	4.452	nlog(LC50)
NCI-H522	4.457	nlog(LC50)
SN12C	4.459	nlog(LC50)
EKVX	4.465	nlog(LC50)
MOLT-4	4.468	nlog(LC50)
SF-268	4.47	nlog(LC50)
HT29	4.472	nlog(LC50)
HCT-15	4.473	nlog(LC50)
OVCAR-5	4.474	nlog(LC50)
HL-60(TB)	4.477	nlog(LC50)
OVCAR-3	4.483	nlog(LC50)
SK-OV-3	4.486	nlog(LC50)
SNB-75	4.486	nlog(LC50)
KM12	4.488	nlog(LC50)
NCI-H522	4.492	nlog(LC50)
NCI-H322M	4.492	nlog(LC50)
PC-3	4.497	nlog(LC50)
DMS 114	4.498	nlog(LC50)
OVCAR-8	4.498	nlog(LC50)
LOX IMVI	4.499	nlog(LC50)
SR	4.502	nlog(LC50)
A549/ATCC	4.506	nlog(LC50)
UACC-62	4.508	nlog(LC50)
BT-549	4.51	nlog(LC50)
XF 498	4.511	nlog(LC50)
M19-MEL	4.513	nlog(LC50)
NCI-H460	4.514	nlog(LC50)

SW-620	4.514	nlog(LC50)
Malme-3M	4.514	nlog(LC50)
MCF7	4.517	nlog(LC50)
SK-MEL-2	4.517	nlog(LC50)
DU-145	4.517	nlog(LC50)
ACHN	4.524	nlog(LC50)
SF-295	4.527	nlog(LC50)
U251	4.528	nlog(LC50)
SNB-19	4.533	nlog(LC50)
SK-MEL-28	4.537	nlog(LC50)
A498	4.543	nlog(LC50)
HT29	4.544	nlog(LC50)
CAKI-1	4.544	nlog(LC50)
HOP-62	4.547	nlog(LC50)
OVCAR-4	4.547	nlog(LC50)
MDA-MB-435	4.55	nlog(LC50)
RXF 393	4.552	nlog(LC50)
MDA-MB-231/ATCC	4.553	nlog(LC50)
SN12K1	4.559	nlog(LC50)
UACC-257	4.559	nlog(LC50)
SNB-75	4.559	nlog(LC50)
COLO 205	4.563	nlog(LC50)
KM20L2	4.568	nlog(LC50)
MDA-N	4.568	nlog(LC50)
SK-MEL-5	4.569	nlog(LC50)
HOP-92	4.574	nlog(LC50)
RXF 393	4.574	nlog(LC50)
DMS 273	4.575	nlog(LC50)
786-0	4.581	nlog(LC50)
TK-10	4.6	nlog(LC50)
HCT-116	4.607	nlog(LC50)
HCC-2998	4.627	nlog(LC50)
SK-MEL-2	4.637	nlog(LC50)
SF-539	4.649	nlog(LC50)
RPMI-8226	4.693	nlog(LC50)
UO-31	4.697	nlog(LC50)
LOX IMVI	4.742	nlog(LC50)
MDA-MB-231/ATCC	4.772	nlog(LC50)
CCRF-CEM	4.843	nlog(LC50)
SF-539	5.094	nlog(LC50)
M14	5.217	nlog(LC50)
M14	5.469	nlog(LC50)