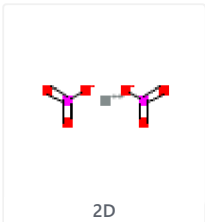






RESUMEN COMPUESTO

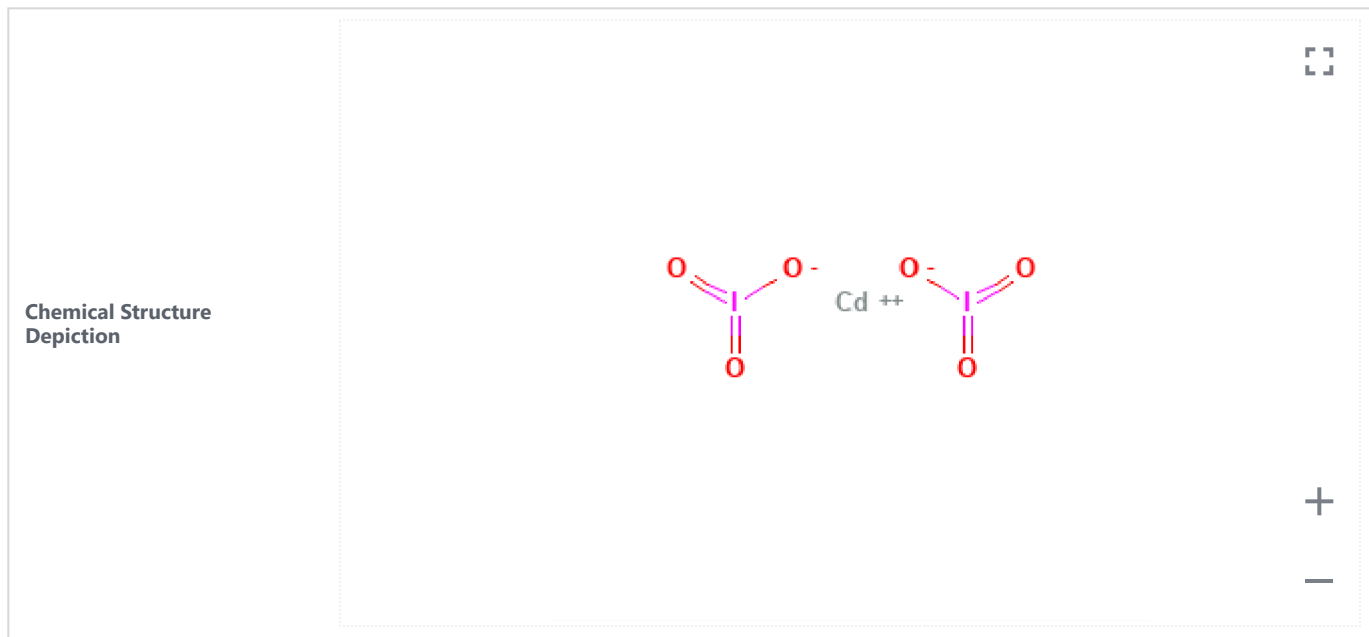
Yodato de cadmio

PubChem CID	16217349
Estructura	 <p>2D</p> <p>Encuentra estructuras similares</p>
Seguridad química	  <p>Irritant Environmental Hazard</p> <p>Hoja de datos del resumen de seguridad química de laboratorio (LCSS)</p>
Fórmula molecular	$Cd(IO_3)_2 \cdot CdI_2O_6$
Sinónimos	<p>Yodato de cadmio 7790-81-0 Q15627978 yodato de cadmio (II) EINECS 232-224-1</p> <p>Más...</p>
Peso molecular	462,22 g / mol
Compuestos componentes	 CID 24345 (Ácido yódico)  CID 23973 (cadmio)
Fecha s	<p>Modificar Crear</p> <p>2021-01-23 2007-07-16</p>

1 Estructuras



1.1 Estructura 2D



► [PubChem](#)

1.2 3D Status



Conformer generation is disallowed since MMFF94s unsupported element, MMFF94s unsupported atom valence, mixture or salt

► [PubChem](#)

2 Names and Identifiers



2.1 Computed Descriptors



2.1.1 IUPAC Name



cadmium(2+);diiodate

Computed by LexiChem 2.6.6 (PubChem release 2019.06.18)

[PubChem](#)

2.1.2 InChI



InChI=1S/Cd.2HIO3/c;2*2-1(3)4/h;2*(H,2,3,4)/q+2;;/p-2

Computed by InChI 1.0.5 (PubChem release 2019.06.18)

[PubChem](#)

2.1.3 InChI Key



BJHNOFIZTODKMI-UHFFFAOYSA-L

Computed by InChI 1.0.5 (PubChem release 2019.06.18)

[PubChem](#)

2.1.4 Canonical SMILES



[O-]I(=O)=O.[O-]I(=O)=O.[Cd+2]

Computed by OEChem 2.1.5 (PubChem release 2019.06.18)

[PubChem](#)

2.2 Molecular Formula



Cd(IO3)2

[Wikipedia](#)

CdI2O6

Computed by PubChem 2.1 (PubChem release 2019.06.18)

[PubChem](#)

2.3 Other Identifiers



2.3.1 CAS



7790-81-0

[ChemIDplus](#); [EPA DSSTox](#); [European Chemicals Agency \(ECHA\)](#)

2.3.2 European Community (EC) Number



232-224-1

▶ European Chemicals Agency (ECHA)

2.3.3 DSSTox Substance ID



DTXSID10228536

▶ EPA DSSTox

2.4 Synonyms



2.4.1 Depositor-Supplied Synonyms



Cadmium iodate
7790-81-0
Q15627978
cadmium(II) iodate
EINECS 232-224-1
cadmium(2+);diiodate
Cd.2IO3
CTK2H9457
DTXSID10228536
8238AF

▶ PubChem

3 Chemical and Physical Properties



3.1 Computed Properties



Property Name	Property Value	Reference
Molecular Weight	462.22 g/mol	Computed by PubChem 2.1 (PubChem release 2019.06.18)
Hydrogen Bond Donor Count	0	Computed by Cactvs 3.4.6.11 (PubChem release 2019.06.18)
Hydrogen Bond Acceptor Count	6	Computed by Cactvs 3.4.6.11 (PubChem release 2019.06.18)
Rotatable Bond Count	0	Computed by Cactvs 3.4.6.11 (PubChem release 2019.06.18)
Exact Mass	463.6818 g/mol	Computed by PubChem 2.1 (PubChem release 2019.06.18)
Monoisotopic Mass	463.6818 g/mol	Computed by PubChem 2.1 (PubChem release 2019.06.18)
Topological Polar Surface Area	114 Å ²	Computed by Cactvs 3.4.6.11 (PubChem release 2019.06.18)
Heavy Atom Count	9	Computed by PubChem
Formal Charge	0	Computed by PubChem
Complexity	36.5	Computed by Cactvs 3.4.6.11 (PubChem release 2019.06.18)
Isotope Atom Count	0	Computed by PubChem
Defined Atom Stereocenter Count	0	Computed by PubChem
Undefined Atom Stereocenter Count	0	Computed by PubChem
Defined Bond Stereocenter Count	0	Computed by PubChem
Undefined Bond Stereocenter Count	0	Computed by PubChem
Covalently-Bonded Unit Count	3	Computed by PubChem
Compound Is Canonicalized	Yes	Computed by PubChem (release 2019.01.04)

► [PubChem](#)

4 Related Records



4.1 Component Compounds



CID 24345 (Iodic acid)



CID 23973 (Cadmium)

▶ PubChem

4.2 Related Compounds



Mixtures, Components, and Neutralized Forms 2 Records

▶ PubChem

4.3 Substances



4.3.1 Related Substances



Same 19 Records

▶ PubChem

4.3.2 Substances by Category



▶ PubChem