

JRC Effectopedia Beta Test Comments

Remark:

As our proxy would not let us connect to the central Effectopedia DB, we installed the effectopedia.aopz locally and worked from there.

Tester: Clemens Wittwehr

Comments:

Local files cannot be opened: We created an AOP for Liver Fibrosis and saved it locally as "LiverFibrosisAOP.aopz". When we tried to re-open it afterwards, it did not work. The file is attached to this summary. Only the initial "Effectopedia.aopz" can be opened.

Tester: Brigitte Landesmann

Comments

- Deletion of elements

Following the instructions I did not manage to delete anything (had to re-start the whole process to get rid of unwanted elements)

- Chemical info

I tried to complete all the requested info, but besides the InChi_Key no other info was saved after repeated trials (see screen shot below)

Chemical Info		Chemical Structure Properties	
Descriptor	Value	Property	
CASNO	0	MOL_WEIGHT	15
IUPAC_NAME	n/a	Density	
SMILES		Melting_point	
InChI		Boiling_point	
InChI_Key	VZGDMQKNWNREIO-UHFFFAOYS...	CLog(P)	
UUID		Solubility_in_water	
Formula			

- Test methods

I inserted two methods to test the MIE; these methods appeared then also for all the other KEs (screen shot taken from KE cell death)

Biological Compartment		
Taxonomical Applicability		
Sex	mixed	
Time to Manifestation		
Time to Manifestation (range)		
Other		

Associated Tests		
		HPLC-ESI-MS/MS analysis
		Ex-vivo Test Method Title

Associated Pathways		
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- Adverse Outcome

According to the instructions, the last KE's name can be changed to "assessment endpoint" and further to "Adverse Outcome" by left click.

I could change to change to assessment endpoint, but not to AO:

Assessment
Endpoint Title S7

Definition

- Lifestage

the scroll down menu mainly offers early cellular stages;

besides "adult", other terms should be added (like fetus, neonate, child, old-age, pregnant woman)

- indirect relationships

how to introduce these? in the descriptions there is the option "indirect", but how to show this on the diagram?

- Essentiality

does not make sense for MIE and AO (see screenshot below)

- WoE

is introduced at each KE, KER box (scroll down menu); but it does not appear on the overview (on the screenshot below it was re-introduced manually on the overview page). Besides, the KE and KER titles appear together with placeholders (cannot be deleted) - see below.

Support of Essentiality of (Key) Events		<input type="checkbox"/> use <HTML> ID: 3789/-131
	Molecular Initiating Event Title	undefined ID: 3790/230
	(Key) Event Title	strong ID: 3796/233
	(Key) Event Title	strong ID: 3801/236
	(Key) Event Title	strong ID: 3803/239
	Protein Alkylation	strong ID: 4052/295
	cell injury/death	strong ID: 4058/296
	KC activation	strong ID: 4061/297
	TGF-b1 expression	strong ID: 4064/298
	HSC activation	strong ID: 4067/299
	Collagen Accumulation	strong ID: 4070/300
	(Key) Event Title	strong ID: 4073/301
	Liver fibrosis	undefined ID: 4148/0

Event Relationships Weight of Evidences		<input type="checkbox"/> use <HTML> DefaultID: -133/-133
	(Key) Event Relationships Weight of Evidences	undefined DefaultID: -137/-137
	(Key) Event Relationships Weight of Evidences	undefined DefaultID: -137/-137
	(Key) Event Relationships Weight of Evidences	undefined DefaultID: -137/-137
	Protein Alkylation Leads to cell injury/death	moderate DefaultID: -137/-137
	cell injury/death Leads to KC activation	strong DefaultID: -137/-137
	KC activation Leads to TGF-b1 expression	strong DefaultID: -137/-137
	TGF-b1 expression Leads to HSC activation	strong DefaultID: -137/-137
	HSC activation Leads to Collagen Accumulation	strong DefaultID: -137/-137
	Collagen Accumulation Leads to Liver fibrosis	strong DefaultID: -137/-137
	Title	undefined ID: 0