

Basic information about experimental contrast agent/substance	
Contrast agent/substance name/mark:	
Producer/owner:	
Application purpose of substance:	
Characterization of contrast agent/substance base stock	
Composition:	
Size*:	
State** of contrast/substance base:	
Visual aspect:	
Substance base stock concentration***:	
Concentration of MR contrast base "core"***:	
Applicatory dose of contrast agent:	
The closest similar commercial contrast agent:	
*e.g. units: Da, nm, etc. **e.g. water solution, suspension, dry substance ***e.g. mM/mL, mg/mL	**core for example Fe, Gd, Mn,...(example units: mM Fe/mL, mg Fe/mL)
Store conditions:	Stabile in time for (+ approx. number):
<input type="checkbox"/> in fridge <input type="checkbox"/> at laboratory temperature (max 25°C) <input type="checkbox"/> protect from sunlight <input type="checkbox"/> in freezer <input type="checkbox"/> other:	<input type="checkbox"/> days: <input type="checkbox"/> weeks: <input type="checkbox"/> months: <input type="checkbox"/> years: <input type="checkbox"/> other:
Precautions for safe handling (e.g. using gloves, respiratory mask, fume hood, etc.):	
Accidental release measure (methods and material for containment and cleaning up):	
The disposal of used sample after and of measurement:	
<input type="checkbox"/> liquidation by owner <input type="checkbox"/> liquidation by ISI Brno (requirement – previous agreement with ISI)	
Characterization of diluted contrast agent/substance	
Is contrast agent/substance homogenous in solution with (add approx. stabile in time at lab temperature):	
<input type="checkbox"/> water <input type="checkbox"/> saline <input type="checkbox"/> other:	<input type="checkbox"/> saline with albumin (or similar simulation of environment in animal)
Contrast agent/substance stabile in pH range:	

Information for in vivo MRI	
Contrast agent/substance was previously tested on*:	
<input type="checkbox"/> cell culture:	
	cell type:
	type of test:
	dose (tested range concentration):
	LD50:
	test results:
	cell type:
	type of test:
	dose (tested range concentration):
	LD50:
	test results:
<input type="checkbox"/> animal:	
	animal type:
	type of test:
	dose:

	LD50:	
	test results:	
	animal type:	
	type of test:	
	dose:	
	LD50:	
	test results:	
<p>* In case of no previous application on animal please provide results from quantitative cell culture biocompatibility and toxicity testing. We demand at least two type of cell cultures tests, where one cell culture has to be primary hepatocytes, second cell culture fibroblasts. If there is any reason you cannot perform a primary hepatocytes cell culture test, previous consultation is needed with a member of our research team (preferably with MVDr. Eva Dražanová, edrazan@isibrno.cz) and an alternative testing will be proposed. Otherwise no in vivo MRI is possible.</p>		

Purpose of MRI measurement:	
Which type of changes will be measured:	Choose...
Write parameters/events which you would like to measure (e.g. volume changes, signal intensity changes, diffusion parameters or directions etc.):	
Spatial and time resolution of measured parameters/events:	
The expected format of data results (for example: only images without/with notes, quantitated data, etc.):	
The expected date of results:	
Methodology recommendations*:	
*Extracts with similar samples from published literature (with marked MRI parameters). List of literature without marking important sections will not be accepted.	
List of attached documents and references:	

I, the undersigned, do hereby swear that the aforementioned information is true and factual to the best of my knowledge. The information will be used for the sole purpose of MRI measurement. The information in this form will be used only for preparation of appropriate MR measurement protocol. Further, the details will not be used for commercial purposes and will not be sold, rented, leased or forwarded to any third party.

Date:

Sign: _____