

SUMMARY OF FORMULATION LOGIC FOR AATRIZINVENTOR SOLUTION

Work Paper

If you applied summary or abbreviated descriptions, have them available to review this logic.

Objective of the Innovation Challenge

Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars.

Evaluated Object S1

GREEK INVADERS - Type: Moving

Object S2 interacting with S1

TROY'S DEFENSIVE BARRIER - Type: Stationary

Physical Variable or Characteristic

Ability to overcome blood-brain barrier

the undesirable

With Less Ability to overcome blood-brain barrier there is undesirable effects, then there is More difficulty to :

Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars.

the desirable

With More Ability to overcome blood-brain barrier there is desirable effect, then there is More ease to :

Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars.

TRIZ Innovation Parameters Evaluated

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
3. Length of moving object	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Height facing the blood-brain barrier (where does it jump?)</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Area of moving object	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Area facing the blood-brain barrier (where does it cross?)</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Force/ Intensity	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Force to overcome the blood-brain barrier</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Shape / composition / configuration	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Appropriate form to overcome the blood-brain barrier</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. Strength / Resistance	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Strenght to overcome the blood-brain barrier</p> <p>Effect : undesirable</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
30. Object-affected harmful factors	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is More Affected by harmful factors caused by the blood-brain barrier</p> <p>Effect : undesirable</p>	<input data-bbox="1357 218 1471 302" type="checkbox"/> Yes <input data-bbox="1357 306 1471 390" type="checkbox"/> No
35. Adaptability or versatility	<p>GREEK INVADERS : There is More difficulty to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is Less Adaptability to resource variability of blood-brain barrier</p> <p>Effect : undesirable</p>	<input data-bbox="1357 550 1471 634" type="checkbox"/> Yes <input data-bbox="1357 638 1471 722" type="checkbox"/> No
19. Use of energy by moving object	<p>GREEK INVADERS : There is More ease to Improve Administration method of a medicine affected by the blood-brain barrier, which permits only the passage of sugars. because there is More Efficient use of energy to overcome the blood-brain barrier</p> <p>Effect : desirable</p>	<input data-bbox="1357 882 1471 966" type="checkbox"/> Yes <input data-bbox="1357 970 1471 1054" type="checkbox"/> No